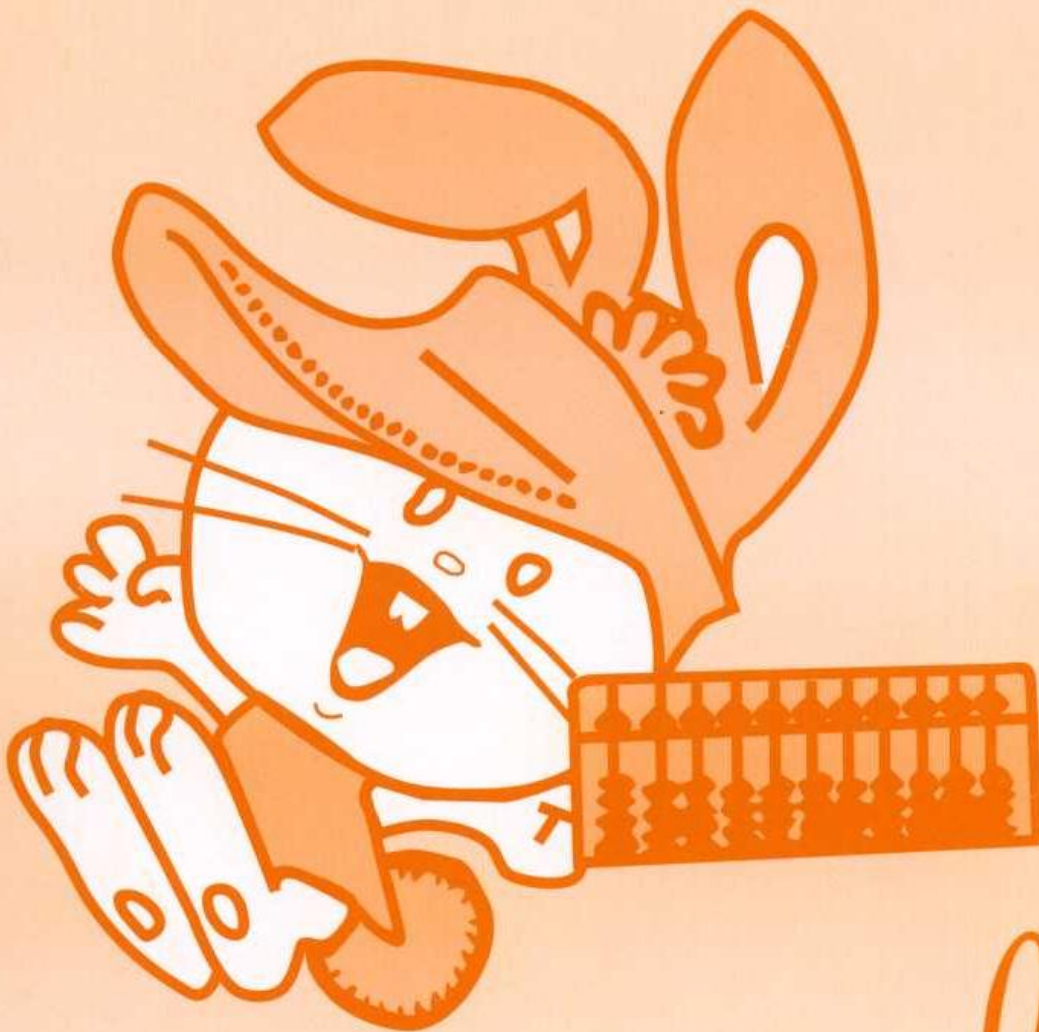


*A key to Abacus and Mental Calculation*  
兒童珠心算基礎入門

Smart Kids



003

English Edition

Name of the student \_\_\_\_\_

حساب

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003

Editor

**Yasmin Tseng**

Abacus calculation program supervisor

With the collaboration of

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Specially designed for

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2003

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## المقدمة

إيماننا منا أن العلم العظيم لا ينال إلا بوسائله الفعالة.

لذا رسمنا بالأمس الطريق لحلم يهدف إلى إعداد برنامج الرياضيات الذهنية والعداد الصيني،

وإعادة هيكلته ليتلاءم مع احتياجات أبناء هذا الوطن ويخدم أبناء هذا الدين..

وأسعد به اليوم كحقيقة أخط عليها حروفي ، وبنجاح درجته الاعتماد العالي ، فما أحسب

برنامجاً قد جُمع وأُلف في هذا المجال يشابهه أو يماثله من حيث استخدام آليات الرسم

التوضيحي الذي يتيح لمقتنيه سهولة الفهم وتسهيل عملية المراجعة والتقييم.

فأشكر جميع أفراد فريق العمل القائم على هذا المشروع العظيم

وأسأل الله أن يكمل مساعينا بالتوفيق..

مدير عام شركة الاعتماد العالي

للمشاريع التعليمية

أ. فهى اليوسف





## كلمة المحرر

☑ نقاط يجب مراعاتها في برنامج الأبيكس والرياضيات الذهنية:

١. من الضروري استخدام طريقة عداد الأبيكس عند ممارسة الرياضيات الذهنية.  
لا يستخدم القلم عند حساب المسألة فقط لكتابة الإجابة، وعندما تكون المسألة لديها أكثر من منزلة سيكون من الصعب جدا النجاح في الرياضيات الذهنية.
٢. تصحيح الإجابة الخاطئة مباشرة ويعاد حل المسألة نفسها حتى يتم التعرف على الإجابة الصحيحة.
٣. ممارسة الأبيكس على الأقل من ١٠ - ٢٠ دقيقة يوميا، ومن الأفضل محاولة التكرار عدة مرات في فترات قصيرة بدل فترة واحدة ولمدة طويلة.  
أفضل وقت للممارسة إما في الصباح الباكر أو في المساء قبل وقت النوم.

😊 إرشادات الطلاب :

١. تكتب الإجابة بداخل الفراغ تحت السؤال.
٢. إذا كانت الإجابة خاطئة فقط قم بشطبها مرتين وقم بكتابة الإجابة الصحيحة الجديدة في نفس الفراغ.
٣. قم بممارسة كل مسألة في ورقة العمل ٣ مرات مكررا.

🌸 تنبيهات لأولياء الأمور:

١. في تعلم الرياضيات الذهنية لا يمكن أن ترى النتائج في فترة قصيرة، لذا يجب على أولياء الأمور التشجيع ومرافقة الطفل بالحب والصبر خلال الممارسة.
٢. في حال وجود الواجب يرجى تذكير الطفل بالممارسة في المنزل فإنه فقط من خلال الممارسة المكررة يستطيع الطفل أن يكون سريع في الحسابات.
٣. يرجى تسجيل الوقت الذي أخذ لكل ورقة عمل والتوقيع بعد أن انتهى الطفل من حل الواجب. ذلك سيساعد في الانتباه إلى مستوى الطفل.

حب + صبر + تدريب = نجاح



to view the progress. Your speed and accuracy surely are improved daily.

**Practice makes perfect! You can do it! Keep it up!** 😊

~ A ~

High approval company

## advanced Intensive abacus skill drill --- 2



	☺ -10	☺ -6~9
	-9= -10 +1	-9= -10 +5 -4
	-8= -10 +2	-8= -10 +5 -3
	-7= -10 +3	-7= -10 +5 -2
	-6= -10 +4	-6= -10 +5 -1
☺ -5	-5= -10 +5	
-4= +1 -5	-4= -10 +6	
-3= +2 -5	-3= -10 +7	
-2= +3 -5	-2= -10 +8	
-1= +4 -5	-1= -10 +9	

No.	1	2	3	4	5	6	7	8	9
	64	79	94	73	44	53	84	63	34
1	-19	-35	-89	-28	-28	-17	-27	-16	-16
	-13	-29	15	18	14	-23	53	23	45
Ans									

### Abacus skill drill --- subtraction (-1~70)

Drill	Answer	Time (1st)	Time (2nd)	Time (3rd)
210-(1~20)	0			
465-(1~30)	0			
820-(1~40)	0			
1,035-(1~45)	0			
1,275-(1~50)	0			
1,540-(1~55)	0			
1,830-(1~60)	0			
2,485-(1~70)	0			

### Abacus skill drill --- subtraction (-123456789) continuously

Drill	Answer	Time (1st)	Time (2nd)
246913578 -123456789 (2 time )	0		
370370367 -123456789 (3 times )	0		
493827156 -123456789 (4 times )	0		
617283945 -123456789 (5 times )	0		

\*\* Please measure the time for each question after each drill by "time-clock".  
 Student should practice 3 times every day and self record the time and date  
 to view the progress. Your speed and accuracy surely are improved daily.

**Practice makes perfect! You can do it! Keep it up!** ☺



# Pre-Class 8 Abacus Calculation ( $\pm$ )



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	32	40	83	57	68	61	84	36	58	93
2	46	17	26	-40	46	29	19	68	20	65
3	80	-26	90	65	70	47	-80	54	-36	41
4	53	50	62	67	32	93	36	19	72	27
5	72	47	48	-30	74	45	57	82	39	40
6	50	-98	71	82	51	20	-60	35	10	73
7	81	63	93	98	92	83	71	97	85	98
8	94	85	50	13	30	61	24	10	-46	50
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	81	56	98	47	67	36	35	67	25	74
2	90	18	17	15	23	93	16	81	51	29
3	57	-23	40	68	48	25	-28	29	-62	98
4	26	30	24	-50	30	41	96	94	96	31
5	34	69	57	36	99	50	-10	35	-30	40
6	30	-28	66	-20	88	66	30	44	90	52
7	41	60	85	98	90	19	29	20	15	78
8	54	49	50	79	16	80	75	70	23	50
Ans										

Hearing drill



Time

1	$27+83+30+17+94+61+90+52=$	7	$35+67-43+50+68+75-40+26=$
2	$70+58-64+97+81+40-26+35=$	8	$87+76+68+12+80+25+59+90=$
3	$19+71+98+30+34+62+25+87=$	9	$14+43+77-56+30-20+96+54=$
4	$26+91-30+87+40+61+92-54=$	10	$89+44+97+71+85+10+30+40=$
5	$38+65+93+75+90+74+81+26=$	11	$20+95+80+69+77+46+13+54=$
6	$45+68+84+30+36+93+70+14=$	12	$29+90-76+87+70-49+38+19=$

# Pre-Class 8 Abacus Calculation ( $\pm$ )



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	32	40	83	57	68	61	84	36	58	93
2	46	17	26	-40	46	29	19	68	20	65
3	80	-26	90	65	70	47	-80	54	-36	41
4	53	50	62	67	32	93	36	19	72	27
5	72	47	48	-30	74	45	-57	82	39	40
6	50	-98	71	82	51	20	-60	35	10	73
7	81	63	93	98	92	83	71	97	85	98
8	94	85	50	13	30	61	24	10	-46	50
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	81	56	98	47	67	36	35	67	25	74
2	90	18	17	15	23	93	16	81	51	29
3	57	-23	40	68	48	25	-28	29	-62	98
4	26	30	24	-50	30	41	96	94	96	31
5	34	69	57	36	99	50	-10	35	-30	40
6	30	-28	66	-20	88	66	30	44	90	52
7	41	60	85	98	90	19	29	20	15	78
8	54	49	50	79	16	80	75	70	23	50
Ans										

Hearing drill



Time \_\_\_\_\_

1	$40+37+25+53+19+60+14+28=$	7	$61+92+84-20+73+40-19+56=$
2	$25+60-41+29+73-58+86+74=$	8	$40+71+62+50+74+89+36+58=$
3	$72+19+34+10+62+50+78+91=$	9	$50+38-62+90+26-84+17+39=$
4	$39+57+26-63+20+18+47-95=$	10	$20+68+42+83+45+30+16+97=$
5	$17+83+17+50+82+36+94+40=$	11	$27+83+30+17+94+61+90+52=$
6	$15+94+70+53+72+41+38+60=$	12	$270+58-64+97+81+40-26+35=$



# Pre-Class 8 Abacus Calculation ( $\pm$ )



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	45	16	91	39	86	14	71	65	29	93
2	36	98	59	72	14	56	24	91	80	37
3	78	20	23	-41	72	79	-60	60	-21	14
4	10	-62	42	60	51	30	38	27	74	49
5	76	58	60	-25	60	15	59	81	36	20
6	28	41	30	70	37	82	-14	40	95	86
7	90	75	74	58	42	20	39	75	13	57
8	29	-73	86	93	80	64	87	23	-56	80
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	13	15	60	29	36	58	82	89	58	96
2	47	24	83	37	74	17	79	31	-10	20
3	84	63	39	-15	18	30	53	60	36	51
4	20	-45	78	18	80	46	-60	14	74	74
5	59	39	17	30	64	39	48	52	91	89
6	60	18	40	43	29	92	21	70	-40	40
7	31	-70	34	-68	59	16	50	69	63	58
8	10	62	25	54	17	40	-46	75	72	23
Ans										

Hearing drill



Time

1	$80+50+94+52+13+72+61+97=$	7	$50+23+79-31+80+14-76+92=$
2	$67-32+60+45+29+98-10+84=$	8	$24+57+31+17+52+80+36+94=$
3	$52+68+80+94+79+61+37+50=$	9	$51+29-63+40+25+71-48+60=$
4	$30+86+56+42-17+90+38-94=$	10	$19+53+20+69+17+80+24+83=$
5	$74+65+80+59+43+80+91+72=$	11	$59+18+24+36+42+57+80+26=$
6	$32+87+53+15+62+48+90+46=$	12	$15+94+82+47-36-10+87+67=$

# Pre-Class 8 Abacus Calculation ( $\pm$ )



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	87	25	98	39	83	98	57	65	61	89
2	15	48	51	42	65	34	90	30	80	10
3	31	97	30	-40	86	70	-42	72	36	76
4	60	-16	13	83	29	45	85	84	-57	47
5	24	-36	87	56	17	19	91	70	94	36
6	28	72	20	85	30	52	-34	31	12	50
7	53	90	46	19	74	63	63	49	-70	24
8	97	85	95	-70	92	10	10	92	45	13
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	20	73	62	75	78	71	69	67	90	48
2	84	90	97	93	40	90	82	54	37	32
3	79	78	85	-85	16	69	-71	49	38	56
4	80	23	40	70	83	59	30	38	52	47
5	57	94	56	-61	90	82	27	29	-17	19
6	46	-80	39	26	34	18	59	60	46	35
7	53	54	21	48	25	40	-38	38	-41	86
8	21	-16	30	20	61	30	24	17	54	90
Ans										

Hearing drill



Time \_\_\_\_\_

1	$57+28+49+70+16+85+34+90=$	7	$30+52+23-75+69+10+68-84=$
2	$80+21+74-63+59+45-67+30=$	8	$84+39+18+90+72+41+35+26=$
3	$74+89+53+76+63+10+54+40=$	9	$75+68-30+46+24-19+70+85=$
4	$60+23+91-35+84+50-67+47=$	10	$41+95+52+76+40+92+37+81=$
5	$23+52+16+70+35+46+20+82=$	11	$92+15+34+76+30+60+52+81=$
6	$58+30+19+59+40+63+28+41=$	12	$26+60-34+78+45-21+82+90=$



# Pre-Class 8 Abacus Calculation (±)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	40	90	25	68	91	68	14	79	30	53
2	21	76	91	42	38	51	71	10	58	97
3	93	-12	40	-80	40	26	-75	38	-34	63
4	64	38	74	45	65	47	80	24	40	79
5	70	40	73	-51	83	90	64	76	72	58
6	65	15	62	30	52	34	-92	95	29	40
7	28	-54	50	29	40	21	63	80	-61	82
8	37	23	38	17	27	38	50	19	35	61
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	90	16	56	60	70	64	47	50	90	42
2	98	32	74	29	49	89	76	44	48	89
3	80	-40	30	-13	68	70	-20	88	69	50
4	76	85	92	48	37	98	38	33	-70	75
5	54	69	18	-75	16	43	44	66	34	17
6	33	-17	47	19	25	52	-13	11	15	44
7	12	92	60	72	94	10	80	77	-83	23
8	47	38	26	30	80	36	59	90	20	70
Ans										

Hearing drill



Time

1	$91+26+83+40+19+65+27+40=$	7	$82+40+76+63-39+20+17-95=$
2	$70+53+69-25+70+18+94-31=$	8	$87+24+90+56+73+19+65+20=$
3	$36+71+47+62+30+91+58+98=$	9	$10+64+71-35+48-80+29+37=$
4	$43+18+60+96-53+74+27-20=$	10	$27+98+61+40+76+35+10+52=$
5	$37+75+12+69+48+14+59+16=$	11	$21+54+36+29+80+90+88+79=$
6	$74+36+15+84+69+20+71+58=$	12	$15+92-57+40+98+26+20-64=$

## Class 8 Abacus Calculation ( $\pm$ )



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	65	76	48	94	23	89	87	92	28	95
2	76	-54	63	-53	67	65	53	15	-10	40
3	45	45	27	50	30	45	19	74	24	20
4	80	76	50	34	91	72	-50	40	63	76
5	79	-32	16	-20	21	30	36	93	45	98
6	30	80	90	86	84	83	10	68	-95	64
7	23	93	42	79	80	49	-64	26	79	85
8	84	-18	78	12	45	12	82	80	81	11
9	92	91	31	-81	65	10	-47	13	70	32
10	11	20	95	76	79	76	29	75	-63	37
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	15	79	84	71	71	40	78	94	37	18
2	30	35	37	36	38	55	-63	53	68	63
3	89	-85	16	-86	80	69	29	50	-14	70
4	25	24	40	57	94	34	56	34	50	42
5	47	50	92	20	23	70	60	28	92	35
6	73	-16	50	34	92	92	-34	20	36	79
7	90	38	31	-50	46	39	15	61	-41	49
8	41	90	78	92	17	17	92	97	97	25
9	86	74	69	91	50	28	-41	68	-85	80
10	26	-62	25	-41	65	76	80	71	20	61
Ans										

Hearing drill



Time \_\_\_\_\_

1	$61+38+26+40+73+95+41+92=$	7	$50+27+87-14+62+59-31+96=$
2	$94-20+87+13-52+48+36+91=$	8	$20+85+98+19+77+36+50+22=$
3	$50+27+16+83+82+49+31+50=$	9	$24+80+98+67-70+46-54+34=$
4	$33+44-35+60+67-58+79-10=$	10	$10+69+78+97+86+35+24+10=$
5	$50+23+14+85+36+97+48+69=$	11	$60+76+48+54+37+90+23+92=$
6	$31+59+60+47+28+73+64+98=$	12	$82+30+96+17-52+73+49-60=$



# Class 8 Abacus Calculation (±)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	60	82	90	67	60	13	71	96	67	79
2	76	-30	73	-43	45	97	20	21	75	13
3	48	96	98	43	99	40	86	54	-80	46
4	54	17	42	25	13	29	29	65	14	20
5	37	-52	26	-10	80	58	-74	70	25	98
6	90	73	51	82	62	64	53	37	93	53
7	23	49	58	95	28	31	68	20	-82	71
8	92	-60	10	-18	31	58	-43	98	30	42
9	51	48	76	90	74	26	90	18	16	85
10	18	15	24	67	75	70	-15	34	-94	60
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	47	69	69	82	53	42	93	40	79	59
2	28	70	51	56	67	48	75	51	-40	60
3	15	-25	20	-40	94	66	-87	92	21	86
4	30	37	48	70	30	78	90	13	18	23
5	82	59	83	19	21	51	35	84	-20	16
6	49	40	73	67	68	10	-12	50	93	50
7	36	-81	94	-82	87	25	24	26	67	91
8	90	48	50	31	14	33	60	67	43	84
9	61	61	19	45	52	70	46	84	-75	37
10	75	-23	26	-39	29	99	-18	39	56	62
Ans										

Hearing drill



Time \_\_\_\_\_

1	$50+19+72+39+83+40+25+61=$	7	$10+97+68+19-32+44+58-44=$
2	$58+74-20+56+62-34+89+12=$	8	$87+76+69+98+43+50+43+21=$
3	$55+20+94+32+34+91+78+66=$	9	$13-10+22+37+44-70+66+59=$
4	$60+25-83+19+40-34+75+29=$	10	$49+58+20+87+90+65+14+73=$
5	$73+80+28+74+39+41+95+62=$	11	$23+50+91+36+78+25+41+80=$
6	$10+17+29+32+30+84+59+56=$	12	$68+34-51+29+40-28+70+51=$



## Class 8 Abacus Calculation ( $\pm$ )



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	80	16	69	28	61	93	52	36	48	65
2	48	58	51	41	80	41	87	59	79	70
3	37	85	80	59	47	60	-15	50	-56	37
4	43	-34	45	-72	28	15	30	41	29	82
5	72	22	23	60	67	72	61	98	16	49
6	12	97	70	-39	93	48	75	60	-12	70
7	61	-40	49	59	62	50	-63	47	80	11
8	59	61	72	10	46	29	84	13	33	29
9	60	79	61	64	15	86	-20	85	-41	53
10	95	-30	83	-73	30	73	49	72	75	18
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	39	48	27	47	50	87	67	63	49	53
2	58	50	80	63	19	56	81	76	71	79
3	27	29	59	-90	35	61	-45	47	50	36
4	74	-80	60	15	62	94	27	85	-16	10
5	16	97	13	82	87	73	69	34	38	68
6	93	65	74	-69	38	30	-38	95	-28	47
7	40	-14	62	41	61	45	20	21	59	52
8	80	73	31	37	54	92	95	18	40	81
9	62	-62	49	-58	45	81	30	90	-23	49
10	51	31	58	20	55	20	-14	10	72	20
Ans										

Hearing drill



Time \_\_\_\_\_

1	$49+86+13+56+20+98+51+47=$	7	$98-41+81+27+92-50+46+30=$
2	$72+10+68-35+89+36-62+47=$	8	$49+58+20+87+90+65+14+73=$
3	$16+49+87+60+32+10+57+83=$	9	$72+86+40-13+95+90-73+28=$
4	$60+55-70+34+29-34+29+61=$	10	$85+39+16+72+40+61+90+35=$
5	$54+40+32+95+60+13+28+76=$	11	$76+92+37+30+64+51+82+90=$
6	$72+49+87+65+18+50+40+93=$	12	$76+92-23+50+81-71+43+94=$

# Class 8 Abacus Calculation ( $\pm$ )



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	72	50	94	61	54	76	89	86	72	85
2	52	72	52	87	96	56	-53	28	86	39
3	36	-46	30	-48	79	94	97	54	40	16
4	48	19	61	95	33	39	42	30	-13	72
5	82	83	89	32	20	10	-10	79	95	40
6	13	-62	26	63	58	21	63	37	90	61
7	62	90	84	-60	78	40	42	69	-73	80
8	48	-15	10	12	55	88	80	12	28	35
9	50	48	75	-21	10	93	-67	41	-49	28
10	78	73	38	57	26	25	51	50	15	69
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	64	82	84	24	94	11	84	50	20	40
2	20	94	48	15	72	86	92	39	34	52
3	16	-51	50	46	53	72	-71	76	-25	36
4	53	74	63	-37	46	35	38	21	53	95
5	97	30	97	68	97	97	90	68	98	57
6	41	86	10	-59	31	36	-75	94	12	92
7	80	-73	51	80	62	52	63	30	-77	31
8	62	29	96	-25	48	40	16	28	66	75
9	73	50	22	22	18	94	-50	71	-18	18
10	98	-16	73	93	50	80	42	45	95	82
Ans										

Hearing drill



Time \_\_\_\_\_

1	$40+55+69+34+70+92+39+17=$	7	$52+18-30+76+79-54+92+40=$
2	$78-63+29+56+60-34+15+92=$	8	$26+58+39+43+50+27+61+91=$
3	$93+50+48+75+66+19+21+83=$	9	$58+84-40+53+69+23-19+72=$
4	$95+40+68-42+87+51-30+63=$	10	$76+50+64+75+83+78+42+92=$
5	$61+35+93+42+70+28+95+70=$	11	$60+76+48+54+37+90+23+92=$
6	$45+93+25+64+17+10+98+78=$	12	$73+57-60+22+40-91+34+98=$



## Class 8 Abacus Calculation ( $\pm$ )



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	71	58	61	50	25	42	79	36	59	56
2	49	-13	73	64	83	16	-23	59	-25	78
3	42	80	86	38	43	75	98	20	34	30
4	70	73	94	-72	70	98	45	41	76	43
5	53	57	70	75	91	30	-62	98	-83	40
6	18	-40	10	-19	66	14	67	60	28	92
7	26	20	82	48	39	97	50	47	10	51
8	79	69	35	63	75	50	-11	13	97	78
9	80	-92	49	-29	84	43	60	85	-21	69
10	39	46	52	10	22	86	24	72	76	12
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	20	30	74	57	76	57	68	12	56	44
2	36	46	40	-30	95	67	-46	37	74	55
3	14	-15	20	90	54	85	21	46	38	86
4	75	62	83	64	10	80	91	51	-92	77
5	48	98	36	-37	23	60	30	93	17	68
6	96	-46	21	25	83	12	-65	84	69	90
7	30	91	19	-21	56	13	74	65	-84	91
8	52	25	58	91	80	92	20	29	40	12
9	98	-80	96	86	79	34	-79	78	32	20
10	17	73	75	48	41	94	35	20	-10	33
Ans										

Hearing drill



Time \_\_\_\_\_

1	$70+39+76+42+45+80+36+12=$	7	$98-30+85+76-43+94+21+65=$
2	$89-54+76+21-45+30+20-73=$	8	$29+47+10+98+63+20+53+71=$
3	$97+10+26+30+45+18+98+72=$	9	$49+64-32+87+15-28+50+30=$
4	$40+36-23+76+65+18-29+20=$	10	$76+86+54+40+39+51+70+12=$
5	$81+47+98+86+40+35+70+62=$	11	$87+56+61+94+73+30+45+92=$
6	$50+28+43+97+81+63+27+46=$	12	$31+84+69-30+87-75+42-26=$

# 3 digits numbers Abacus Calculation (±)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	497	214	923	541	806	108	348	758	280	610
2	276	863	608	304	175	735	969	629	376	348
3	804	-575	171	-672	964	102	-247	315	-189	562
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	164	537	359	850	751	159	629	570	291	302
2	310	860	274	939	412	424	840	161	580	953
3	298	-497	105	-623	608	737	-386	354	-616	784
Ans										

No	21	22	23	24	25	26	27	28	29	30
1	860	541	765	471	560	816	483	652	398	492
2	125	838	483	205	373	507	252	805	627	380
3	307	-696	908	-379	287	940	-171	310	-494	505
Ans										

No	31	32	33	34	35	36	37	38	39	40
1	407	673	125	540	863	653	216	768	451	825
2	830	582	907	892	726	471	903	917	365	940
3	925	-379	891	-386	417	984	-386	503	-247	131
Ans										

Hearing drill



Time

1	$658+795+326=$	6	$576+985+231=$	11	$831+406+943=$
2	$901+847-320=$	7	$209+184-320=$	12	$507+262+143=$
3	$947+238+169=$	8	$390+723+601=$	13	$768+924+571=$
4	$970+362-918=$	9	$847+219-856=$	14	$602+548-935=$
5	$437+584+615=$	10	$973+282+609=$	15	$489+535+402=$



## 3 digits numbers Abacus Calculation ( $\pm$ )



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	284	501	652	195	794	862	954	804	524	389
2	932	470	749	308	362	147	209	741	692	517
3	560	183	865	-250	804	303	-157	369	-308	245
4	719	-296	483	682	715	695	810	173	961	706
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	503	473	307	379	164	890	705	193	409	908
2	845	615	471	165	209	605	281	487	575	810
3	701	-208	896	-242	320	489	312	546	-286	747
4	686	929	528	781	595	724	-763	290	314	293
Ans										

No	21	22	23	24	25	26	27	28	29	30
1	304	489	504	248	698	862	954	527	359	134
2	170	361	891	509	503	147	209	109	294	260
3	498	-270	689	-651	472	303	-157	848	-576	837
4	367	525	256	373	161	695	810	630	121	648
Ans										

No	31	32	33	34	35	36	37	38	39	40
1	192	685	217	824	967	725	407	361	524	390
2	375	750	431	305	130	413	583	909	107	716
3	848	121	657	630	259	564	-208	486	-157	524
4	604	-379	908	-286	462	902	318	278	368	679
Ans										

Hearing drill



Time

1	$936+491+805=$	6	$387+608+541=$	11	$890+135+726=$
2	$489+361-270=$	7	$736+485-130=$	12	$124+346-158=$
3	$293+460+176=$	8	$284+932+560=$	13	$206+198+743=$
4	$859+132-351=$	9	$164+209-320=$	14	$148+610-432=$
5	$975+894+126=$	10	$307+471+896=$	15	$207+931+479=$



# 3 digits numbers Abacus Calculation ( $\pm$ )



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	920	358	757	941	478	640	151	609	717	504
2	134	719	696	325	190	723	640	812	356	183
3	628	-398	141	-187	363	192	272	794	-245	674
4	564	465	323	978	305	718	938	805	803	262
5	707	210	408	620	426	564	-506	353	912	907
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	457	291	287	314	605	940	504	206	540	180
2	209	347	198	593	928	894	267	968	139	539
3	140	829	604	275	307	232	-343	354	-642	468
4	656	735	390	648	248	617	817	897	827	740
5	138	-680	256	-701	931	565	952	371	501	216
Ans										

No	21	22	23	24	25	26	27	28	29	30
1	265	940	654	750	468	806	792	846	785	325
2	751	728	983	125	314	189	453	938	102	986
3	408	356	701	-469	970	764	-104	515	-497	170
4	349	-190	230	238	265	203	796	290	306	498
5	831	672	912	713	908	152	358	761	234	610
Ans										

Hearing drill



Time

1	$514+378+207=$	6	$608+175-450=$	11	$801+543-275=$
2	$514+378-763=$	7	$608+175+942=$	12	$801+543-275=$
3	$831+460+276=$	8	$269+513-590=$	13	$639+514+967=$
4	$692+454-317=$	9	$613+201+859=$	14	$570+839-126=$
5	$450+942+816=$	10	$340+809-526=$	15	$790+851+648=$

### 3 digits numbers Abacus Calculation ( $\pm$ )



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	202	937	410	589	507	726	370	247	814	506
2	480	418	209	173	919	195	653	378	652	943
3	356	-206	816	-691	408	469	-142	150	-364	851
4	989	459	595	202	286	385	687	464	502	390
5	157	380	783	489	537	702	194	213	730	271
6	374	-151	270	356	263	183	-205	950	518	868
7	516	762	364	-407	416	408	498	869	-979	427
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	639	194	497	802	921	620	849	202	365	829
2	505	748	352	349	750	341	523	947	959	405
3	643	-570	617	-137	845	718	-704	690	-736	713
4	212	306	805	986	302	906	250	186	207	625
5	808	923	217	540	618	739	698	535	-414	439
6	971	841	849	-367	309	514	151	183	832	190
7	467	-562	360	215	476	825	-763	748	108	769
Ans										

No	21	22	23	24	25	26	27	28	29	30
1	730	670	437	202	276	675	409	834	569	474
2	459	232	505	941	841	160	765	269	897	160
3	781	-694	193	-374	987	202	-237	174	243	253
4	298	827	231	-607	352	743	-923	527	-802	926
5	302	590	640	873	430	215	141	690	131	587
6	451	135	898	986	561	349	380	531	705	201
7	696	-841	672	515	906	898	568	805	-647	389
Ans										

Hearing drill



Time

1	$616+502-417+539+493=$	6	$176+854+102+356+904+289=$
2	$368+285+412+507+949=$	7	$280+598-313+706+469-718=$
3	$524+780-632+418+906=$	8	$918+640+835+903+712+546=$
4	$384+107+915+824+379=$	9	$545+190+746-292+806-380=$
5	$390+572-951+239+404=$	10	$140+924-706+238+619-538=$





Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	2	8	4	9	8	52	6	2	5	6
2	3	3	3	-1	5	5	44	50	6	75
3	7	-1	1	8	3	4	-9	3	84	7
4	9	5	2	3	6	97	-23	7	-7	31
5	4	4	6	-6	7	8	8	31	-20	9
6	5	7	5	4	2					
7	8	-6	9	2	9					
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	3	9	3	5	6	2	6	9	2	40
2	4	4	1	2	3	15	1	28	1	1
3	1	-3	7	-6	2	4	73	6	97	4
4	6	1	2	8	7	79	-8	5	-4	62
5	2	8	8	-4	8	7	-49	50	-53	8
6	5	2	5	7	1					
7	9	-6	9	9	4					
Ans										

No	21	22	23	24	25	26	27	28	29	30
1	7	5	8	1	2	7	93	3	56	60
2	2	7	6	3	9	2	2	20	7	6
3	9	-2	7	-2	6	89	-6	7	-34	9
4	6	8	5	4	7	9	-54	6	-8	42
5	1	6	1	5	3	53	7	48	9	8
6	5	-4	4	-7	4					
7	8	9	2	9	8					
Ans										

Hearing drill



Time

1	$2+4+1+5+3+9+6=$	5	$8+4+1+2+5+6+7=$	9	$4+95+3-8-17=$
2	$9+6-3+1+8-2+4=$	6	$17+4+5+9+6=$	10	$1+20+3+84+7=$
3	$1+7+9+3+5+6+4=$	7	$8+7+5-9-63=$	11	$5+6+9+8+2+4+7=$
4	$5+4+9-2+6-7+8=$	8	$68+2+70+9+5=$	12	$9+1-5+6+3-8+7=$

# Class 7 (±)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	1	6	7	3	1	69	5	93	9	8
2	6	3	2	6	2	41	8	6	68	3
3	7	9	3	-1	8	8	62	7	2	97
4	2	-7	4	8	5	3	-3	74	-40	4
5	9	1	5	2	9	7	-40	1	-7	50
6	4	8	9	-5	3					
7	8	-5	7	4	6					
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	4	1	2	9	3	4	9	1	89	8
2	7	3	5	1	7	97	3	52	4	3
3	2	6	9	-4	1	3	63	8	-12	90
4	7	-4	1	7	4	7	-2	70	-7	7
5	5	2	3	6	6	25	-40	5	6	57
6	9	-5	7	8	8					
7	1	8	4	-2	2					
Ans										

No	21	22	23	24	25	26	27	28	29	30
1	1	5	1	7	5	21	9	8	4	24
2	9	-3	6	-6	7	3	68	9	79	5
3	7	4	8	1	2	8	-2	37	-1	6
4	2	6	9	3	3	65	7	50	2	80
5	4	2	7	5	4	5	-24	2	-35	4
6	5	-1	4	8	9					
7	8	8	3	-9	8					
Ans										

Hearing drill



Time

1	$4+5+9+6+2+7+3=$	5	$5+8+3+2+4+7+6=$	9	$5+10+8-12-6=$
2	$9+3-4+1+5-2+8=$	6	$23+1+9+45+8=$	10	$5+9+21+7+48=$
3	$9+3+7+6+5+8+2=$	7	$7+92+8-4-50=$	11	$4+7+9+3+6+5+8=$
4	$9+5-8+4+7-1+6=$	8	$83+6+1+79+4=$	12	$1+5-2+7+8+9-6=$



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	9	3	7	7	5	6	68	4	8	12
2	4	7	1	-2	2	87	-3	9	91	7
3	1	-1	2	8	7	4	-40	5	5	80
4	6	8	3	5	8	19	6	31	-9	6
5	7	9	9	4	4	2	2	58	-24	3
6	8	4	4	6	9					
7	3	-6	5	-1	1					
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	7	9	5	9	6	47	9	14	4	69
2	3	-1	4	-1	7	5	27	8	52	3
3	8	6	9	7	1	3	-5	90	-8	5
4	2	4	2	4	2	69	1	2	6	41
5	1	7	8	5	4	1	-11	7	-20	8
6	5	-5	7	-2	3					
7	6	2	3	8	8					
Ans										

No	21	22	23	24	25	26	27	28	29	30
1	4	2	3	9	3	3	70	5	5	90
2	5	7	7	-3	4	28	-1	61	13	8
3	1	-6	8	6	5	5	-58	9	9	6
4	2	9	5	5	9	94	6	43	-7	25
5	8	5	4	2	8	7	2	8	-4	4
6	7	-4	2	-7	2					
7	3	8	6	1	6					
Ans										

Hearing drill



Time

1	$1+5+8+7+3+9+4=$	5	$1+3+4+8+9+2+5=$	9	$4+3+97-8-15=$
2	$7+4-2+8-1+6+9=$	6	$85+9+3+71+4=$	10	$40+9+62+1+7=$
3	$8+5+7+4+6+3+2=$	7	$6+58+7-4-19=$	11	$7+3+8+4+5+1+2=$
4	$3+2+6-9+5+7-4=$	8	$82+5+40+7+4=$	12	$3+9-4+6+5-2+7=$



# Class 7 (±)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	1	6	3	8	9	5	80	1	60	6
2	7	5	4	7	6	41	5	37	5	1
3	5	-9	6	-3	5	6	-64	20	3	73
4	8	3	1	5	8	8	-1	8	-42	5
5	4	7	9	-1	4	23	2	5	-8	59
6	6	-2	2	9	7					
7	2	4	7	2	3					
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	2	2	7	3	4	83	6	7	60	1
2	8	3	3	9	6	9	5	86	-9	91
3	1	8	8	-5	3	5	98	4	-42	5
4	7	-7	4	4	1	72	-4	10	2	78
5	4	-1	1	2	9	2	-73	3	8	4
6	6	5	5	7	2					
7	5	9	2	-6	7					
Ans										

No	21	22	23	24	25	26	27	28	29	30
1	7	4	1	8	2	5	9	2	9	31
2	4	3	6	9	4	18	-8	37	-6	6
3	5	-6	4	-5	5	4	40	9	82	5
4	3	5	8	3	8	8	1	50	3	94
5	2	1	2	1	6	63	-26	3	-40	7
6	6	8	3	-7	9					
7	8	-7	7	2	1					
Ans										

Hearing drill



Time

1	$5+8+1+9+6+3+8=$	5	$8+4+1+7+6+9+3=$	9	$97+2+8-60-5=$
2	$1+5+6-7+8+9-4=$	6	$73+6+95+8+4=$	10	$3+76+9+5+91=$
3	$8+5+4+3+2+1+7=$	7	$6+32-9+4-22=$	11	$15+8+2+30+6=$
4	$3+4-1+7+9-5+6=$	8	$41+5+3+20+9=$	12	$9+4+27-5-10=$



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	9	4	6	8	8	36	9	4	4	35
2	6	9	5	-7	5	2	85	8	51	2
3	1	-8	4	6	6	7	-7	70	9	40
4	5	3	1	3	3	54	-10	6	-23	6
5	7	-2	7	9	9	8	2	95	-8	9
6	2	6	8	-2	4					
7	3	5	2	5	7					
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	3	1	4	7	2	89	9	2	5	92
2	9	9	6	-2	5	7	3	38	7	4
3	6	-8	5	3	7	14	-7	4	83	8
4	2	4	9	4	8	2	45	50	-9	6
5	7	7	3	-1	9	8	-16	7	-20	30
6	5	-3	1	5	4					
7	8	6	2	8	3					
Ans										

No	21	22	23	24	25	26	27	28	29	30
1	9	5	3	3	6	8	96	20	5	1
2	8	-2	5	6	7	54	-9	7	40	9
3	3	7	1	-7	4	9	8	34	6	54
4	7	1	9	2	5	6	-13	5	-10	7
5	6	4	6	1	8	73	4	8	-9	68
6	5	-3	8	5	9					
7	2	6	2	-9	1					
Ans										

Hearing drill



Time

1	$6+7+8+4+1+5+9=$	5	$9+5+7+4+1+3+8=$	9	$36-5-19+7+4=$
2	$4+3-6+7+8-5+1=$	6	$6+59+8+42+5=$	10	$5+8+60+9+24=$
3	$4+5+1+2+3+8+9=$	7	$71+9-3-50+2=$	11	$75+14+8+3+2=$
4	$9+1-8+3+6+4-2=$	8	$1+80+5+4+62=$	12	$7+6+82-5-30=$



# Class 7 (±)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	7	3	9	5	6	2	6	64	96	1
2	6	2	5	9	3	91	9	2	5	20
3	5	8	4	-8	2	5	75	8	-73	5
4	1	-6	1	6	7	57	-8	7	1	86
5	9	4	7	-2	8	3	-31	80	-2	4
6	3	-1	8	4	4					
7	2	9	3	7	1					
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	1	5	8	1	7	7	84	4	8	84
2	4	2	7	5	6	86	-5	8	67	6
3	6	9	2	9	1	8	2	53	-5	60
4	5	-8	4	-4	4	39	-60	2	9	9
5	8	4	6	2	3	1	3	17	-31	2
6	7	7	1	-3	8					
7	3	-6	5	7	9					
Ans										

No	21	22	23	24	25	26	27	28	29	30
1	4	1	6	6	4	5	68	1	69	1
2	9	2	2	7	5	6	-2	95	-2	5
3	7	4	7	-1	9	12	9	70	4	40
4	6	-3	1	3	6	7	-7	7	-35	4
5	5	8	5	5	8	48	3	3	8	27
6	3	6	9	8	2					
7	2	-5	4	-9	3					
Ans										

Hearing drill



Time

1	$7+9+8+6+5+1+4=$	5	$4+2+8+7+1+9+5=$	9	$3+96-8-75+4=$
2	$6+5-4+2+8-7+1=$	6	$8+71+6+93+2=$	10	$19+7+2+80+1=$
3	$6+3+5+1+2+8+7=$	7	$53+9-47+5-8=$	11	$7+3+42+8+69=$
4	$4+1+7-5+2-3+8=$	8	$6+20+4+1+39=$	12	$5+21+9-17-6=$



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	8	1	4	9	8	51	8	3	30	4
2	5	3	3	-8	6	4	4	9	8	5
3	3	9	8	5	2	3	90	25	-24	63
4	4	-6	9	2	5	76	-6	40	-6	9
5	7	5	6	-4	1	9	-13	7	7	17
6	9	7	7	3	7					
7	6	-2	2	7	9					
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	3	8	3	1	7	5	3	6	7	2
2	6	-7	7	3	6	8	67	4	43	9
3	7	3	6	-4	3	94	-5	71	6	34
4	8	1	2	9	9	3	-12	8	-29	6
5	5	9	8	6	8	27	9	90	-5	80
6	9	-2	5	-5	2					
7	1	6	1	7	4					
Ans										

No	21	22	23	24	25	26	27	28	29	30
1	7	7	2	5	7	3	90	10	30	3
2	5	1	3	6	6	28	-6	7	4	41
3	6	-2	4	-7	1	6	8	3	-12	5
4	2	8	6	4	3	57	4	86	6	27
5	8	3	7	9	2	4	-73	5	-7	8
6	3	5	8	8	5					
7	4	-9	9	-3	9					
Ans										

Hearing drill



Time

1	$8+2+3+6+9+5+4=$	5	$4+7+2+1+9+3+6=$	9	$90+6-12-9+4=$
2	$1+9-8+2+3-4+7=$	6	$2+9+16+5+38=$	10	$1+9+25+4+38=$
3	$8+7+2+6+3+4+9=$	7	$82+5-3-47+9=$	11	$1+7+5+4+3+6+8=$
4	$6+5-4+2+7+8-3=$	8	$70+65+7+8+3=$	12	$4+5-9+8+7-6+3=$



# Class 7 (±)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	7	3	9	2	1	87	59	4	82	70
2	8	6	4	9	4	6	3	30	5	6
3	2	-4	5	1	8	31	4	6	6	91
4	6	1	1	-8	7	8	-45	7	-63	7
5	5	7	7	4	6	5	-7	21	-9	4
6	4	-8	3	3	9					
7	7	9	5	-7	3					
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	6	2	8	3	7	51	85	2	4	29
2	5	1	1	6	6	2	7	4	38	3
3	1	5	3	-7	9	8	4	78	-2	40
4	2	-4	4	8	3	34	-9	90	3	6
5	3	7	7	9	4	7	-10	7	-26	7
6	8	-3	6	-2	5					
7	7	8	9	5	8					
Ans										

No	21	22	23	24	25	26	27	28	29	30
1	9	4	5	5	7	9	1	64	8	3
2	6	-1	9	-2	2	2	53	9	96	7
3	3	9	4	8	1	87	-8	5	-2	19
4	5	7	6	4	5	5	7	32	-70	6
5	7	2	3	1	8	16	-40	8	5	80
6	8	-6	2	-6	9					
7	2	5	8	7	4					
Ans										

Hearing drill



Time

1	$2+7+3+8+9+1+6=$	5	$6+1+9+3+2+4+7=$	9	$58+3-7-12+9=$
2	$4+8-7+2+1+6+9=$	6	$89+3+2+75+4=$	10	$80+1+62+9+3=$
3	$6+3+5+7+4+1+2=$	7	$6+5+91-4-73=$	11	$7+5+4+9+6+3+2=$
4	$4+5-9+3+7-2+6=$	8	$7+82+4+6+60=$	12	$1+7-8+4+3-6+5=$



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	3	1	6	3	9	21	7	1	4	5
2	5	5	2	7	6	3	83	4	1	48
3	4	9	7	-6	3	7	9	97	95	2
4	2	-4	1	9	4	65	-5	20	-2	4
5	1	3	4	-1	2	4	-61	7	-73	60
6	8	-2	9	8	7					
7	7	7	5	5	8					
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	6	8	9	2	5	8	84	3	9	70
2	9	9	4	1	2	64	5	75	68	1
3	3	-1	5	5	8	7	2	14	7	7
4	5	7	6	8	7	2	-60	9	-4	53
5	1	4	3	-6	1	92	-3	7	-20	9
6	8	-6	2	3	9					
7	4	2	5	-4	4					
Ans										

No	21	22	23	24	25	26	27	28	29	30
1	5	9	5	8	5	4	73	1	66	36
2	8	-3	2	9	7	2	-2	6	-5	5
3	1	5	8	-4	8	93	93	40	3	79
4	2	4	9	7	4	5	5	7	-42	4
5	4	6	1	1	2	57	-57	28	8	2
6	3	-2	7	2	3					
7	7	7	4	-6	6					
Ans										

Hearing drill



Time

1	$2+6+7+3+9+5+8=$	5	$3+6+7+4+1+5+8=$	9	$50-3+8-46+4=$
2	$4+2-1+5+6-3+9=$	6	$5+43+7+4+69=$	10	$4+69+5+31+8=$
3	$2+5+1+9+8+7+4=$	7	$96-8+4-10+3=$	11	$8+4+7+1+9+6+3=$
4	$9+1-7+4-6+2+8=$	8	$9+5+81+8+23=$	12	$5+8-9+3+2-1+6=$



# Class 7 (±)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	5	9	6	4	3	93	3	5	97	9
2	2	-4	7	3	6	1	74	2	6	7
3	9	7	1	-6	1	8	-6	69	3	80
4	3	1	5	5	9	27	-50	8	-21	4
5	8	6	4	9	8	6	7	41	-5	12
6	1	8	3	-7	2					
7	6	-3	2	1	5					
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	3	7	6	1	6	1	98	2	5	72
2	6	-6	9	2	9	56	1	36	63	4
3	7	3	3	8	8	4	-25	9	9	6
4	1	4	1	-5	5	78	3	10	-8	50
5	5	-5	2	9	4	5	-4	3	-41	7
6	4	9	8	3	7					
7	2	2	4	-4	2					
Ans										

No	21	22	23	24	25	26	27	28	29	30
1	5	8	4	6	9	4	6	74	6	90
2	2	9	8	-4	4	39	83	5	19	5
3	8	-3	9	3	5	6	-7	60	-4	1
4	9	2	5	7	1	3	-52	7	3	28
5	1	6	2	8	2	18	8	1	-20	4
6	3	1	7	-5	3					
7	4	-4	6	2	6					
Ans										

Hearing drill



Time

1	$8+7+3+6+9+1+2=$	5	$9+4+7+6+1+2+3=$	9	$8+93-6+1-75=$
2	$2+9-7+6+4+8-5=$	6	$9+35+6+22+78=$	10	$64+9+6+20+7=$
3	$3+8+2+6+1+5+7=$	7	$53-9+7-12+4=$	11	$1+8+5+6+7+3+4=$
4	$5+9-4+3-7+1+2=$	8	$20+3+46+5+7=$	12	$5+7-8+2+4+9-6=$



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	3	4	1	6	9	5	9	17	94	5
2	4	3	8	3	6	8	85	3	1	68
3	5	-1	6	-8	3	12	2	1	-75	2
4	7	5	2	7	2	6	-7	48	3	4
5	2	2	9	1	4	64	-60	2	-2	40
6	1	8	5	5	5					
7	8	-6	7	-9	8					
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	3	1	5	4	3	7	86	4	9	8
2	7	6	6	2	2	18	5	2	68	9
3	6	-7	4	8	8	4	-3	37	2	50
4	9	2	9	-5	9	6	-40	7	-7	37
5	1	4	3	3	1	26	1	56	-40	2
6	5	9	7	-1	7					
7	4	-8	1	6	6					
Ans										

No	21	22	23	24	25	26	27	28	29	30
1	9	6	3	6	7	6	4	80	5	36
2	5	9	9	-2	5	5	97	1	87	5
3	6	-8	8	4	4	23	-8	9	6	71
4	3	7	7	1	1	7	-13	7	-42	4
5	2	5	5	7	3	97	4	42	-3	8
6	4	-1	1	-9	8					
7	8	4	4	8	6					
Ans										

Hearing drill



Time

1	$6+2+4+9+8+5+7=$	5	$8+9+3+6+7+2+5=$	9	$86+9-3-57+2=$
2	$5+7-1+4+6-8+2=$	6	$9+87+5+3+64=$	10	$72+5+60+4+7=$
3	$4+1+7+2+9+8+5=$	7	$43-9+1-27+6=$	11	$6+3+9+1+8+2+4=$
4	$2+3+9-6+4+5-8=$	8	$2+31+4+6+18=$	12	$9+1-4+5+3-2+8=$



# Class 7 (±)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	5	3	3	4	4	6	96	9	9	54
2	9	4	1	6	8	54	3	3	43	8
3	2	8	9	-5	5	2	2	87	7	2
4	3	-1	7	9	6	9	-70	4	-25	30
5	6	2	4	8	3	31	-4	10	-6	7
6	4	-7	2	-7	2					
7	8	5	8	3	9					
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	3	6	2	6	2	9	2	65	1	9
2	9	7	3	-5	8	6	1	4	92	40
3	6	-4	6	2	5	15	58	3	8	5
4	7	9	7	3	6	4	-6	49	-70	7
5	8	-5	8	4	9	82	-30	7	-6	83
6	5	2	5	-9	3					
7	2	8	4	8	7					
Ans										

No	21	22	23	24	25	26	27	28	29	30
1	8	4	2	9	9	57	30	3	4	87
2	5	-3	5	-1	8	9	-8	21	8	5
3	7	9	4	7	5	82	2	7	76	9
4	3	8	9	3	3	6	7	46	-3	61
5	4	6	8	6	6	1	-16	9	-50	4
6	1	-5	7	2	7					
7	6	2	3	-8	4					
Ans										

Hearing drill

Time \_\_\_\_\_

1	$1+9+6+3+8+7+4=$	5	$4+5+8+3+2+7+6=$	9	$3+4+1+6-2+7=$
2	$3+4+9-1+5-6+7=$	6	$5+2+1+9+3+8=$	10	$12+7+30+9+4=$
3	$5+9+8+3+6+7+4=$	7	$87+3+1-69-5=$	11	$2+6+5+8+9+7+1=$
4	$9-5+8+7+1-2+6=$	8	$2+6+78+4+90=$	12	$7-1+5-6+3+9+4=$



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	8	9	6	9	2	86	7	30	3	16
2	7	-1	3	1	5	7	63	2	87	2
3	1	6	9	-2	9	3	-8	56	4	8
4	6	3	1	8	8	19	-49	1	-9	3
5	4	-8	5	5	7	2	5	8	-75	90
6	9	7	7	3	4					
7	5	4	2	-6	3					
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	5	5	5	1	5	67	6	61	76	9
2	4	-1	2	9	6	3	59	5	-8	3
3	6	3	9	7	1	5	4	8	2	87
4	2	6	4	-3	7	49	-2	40	-50	5
5	8	-2	8	6	2	8	-31	2	5	20
6	6	9	7	-2	3					
7	3	7	3	8	8					
Ans										

No	21	22	23	24	25	26	27	28	29	30
1	7	4	5	9	7	5	89	2	69	4
2	1	-2	9	-1	6	43	-7	8	-3	30
3	2	8	4	7	5	2	5	90	1	8
4	3	5	2	6	4	7	-24	3	-45	6
5	6	3	8	4	9	68	3	16	8	59
6	9	-6	3	-8	1					
7	5	7	7	3	8					
Ans										

Hearing drill



Time

1	$1+8+7+2+5+6+3=$	5	$2+7+4+5+6+9+1=$	9	$1+48+6-20-3=$
2	$5-2+7+6+9-1+3=$	6	$23+8+5+46+6=$	10	$92+1+4+6+53=$
3	$4+2+8+7+3+1+9=$	7	$7+84-6-20+6=$	11	$2+1+6+7+8+9+5=$
4	$7-1+5+8-3+6+9=$	8	$8+7+73+50+1=$	12	$9-7+8+4-6+5+2=$



# Class 7 (±)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	6	8	2	3	9	8	5	36	9	8
2	2	-5	9	9	8	76	67	7	84	95
3	9	3	5	6	7	2	3	59	-2	9
4	1	-6	8	-8	3	4	-8	2	-60	30
5	3	9	4	5	2	29	-42	4	7	1
6	7	7	3	-2	1					
7	8	1	6	1	4					
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	8	2	3	6	1	6	8	26	98	4
2	3	7	1	8	6	79	-3	8	-3	9
3	7	-9	7	-9	3	2	97	80	5	73
4	2	5	5	2	9	24	5	1	-62	7
5	6	4	8	-1	7	5	-12	4	4	16
6	1	-6	4	7	5					
7	4	3	9	4	8					
Ans										

No	21	22	23	24	25	26	27	28	29	30
1	5	2	4	4	2	9	39	40	2	1
2	6	6	5	5	6	2	-7	5	-1	26
3	8	-1	8	-9	1	81	6	28	95	7
4	3	9	7	7	7	7	-14	4	7	40
5	7	4	6	6	3	25	7	6	-73	9
6	2	-7	3	3	4					
7	1	8	2	-2	8					
Ans										

Hearing drill



Time

1	$9+3+2+5+8+7+4=$	5	$2+3+6+1+9+8+5=$	9	$7+89-5-21+6=$
2	$3+7-6+9+1-2+8=$	6	$7+98+5+1+24=$	10	$2+6+98+4+30=$
3	$3+4+8+7+6+5+2=$	7	$67-3+5-49+4=$	11	$6+7+8+3+4+5+4=$
4	$1+6-3+4+2-5+7=$	8	$50+1+72+6+8=$	12	$4-3+2+5+9-6+8=$



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	8	2	6	1	9	64	2	5	7	7
2	3	7	4	9	1	5	19	20	4	65
3	4	-4	2	-8	7	2	-6	1	56	1
4	9	5	1	6	6	86	37	3	-1	89
5	7	1	9	3	3	9	-4	48	-26	4
6	6	-3	5	-2	5					
7	2	8	7	5	2					
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	6	7	5	2	3	5	7	3	7	10
2	3	9	9	5	6	21	3	96	5	4
3	7	-1	2	8	9	7	61	8	21	6
4	1	3	6	-6	2	43	-2	4	-3	38
5	2	6	7	7	1	8	-22	70	-19	7
6	9	-2	1	-1	4					
7	5	8	3	9	8					
Ans										

No	21	22	23	24	25	26	27	28	29	30
1	2	7	8	3	4	8	81	2	67	70
2	7	-1	5	-1	5	6	-5	30	-5	6
3	6	8	6	2	1	72	3	8	-27	2
4	9	2	3	5	7	3	-48	1	3	98
5	8	-6	2	6	6	95	9	56	4	1
6	5	9	1	7	9					
7	1	4	7	-9	2					
Ans										

Hearing drill



Time

1	$9+5+6+7+4+8+3=$	5	$8+7+6+2+5+1+9=$	9	$9+65+3-2-48=$
2	$3+6-2+5-9+1+7=$	6	$56+2+4+73+8=$	10	$54+2+31+6+7=$
3	$2+1+6+9+3+7+4=$	7	$4+8+90-6-17=$	11	$3+2+7+8+5+9+4=$
4	$7+8-2+3+5-4+9=$	8	$9+23+7+10+2=$	12	$8-7+3+6+9-2+1=$



# Class 7 (±)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

No	1	2	3	4	5	6	7	8	9	10
1	8	6	2	6	5	6	83	76	6	2
2	5	8	6	-4	4	19	5	2	5	10
3	4	-2	9	3	2	8	-61	8	41	8
4	9	5	5	7	1	2	7	50	-3	36
5	3	3	8	-1	7	35	-9	1	-28	7
6	6	-9	7	5	9					
7	2	7	3	2	8					
Ans										

No	11	12	13	14	15	16	17	18	19	20
1	7	2	1	7	2	76	3	54	7	70
2	1	5	5	1	8	6	1	2	85	6
3	5	8	6	-4	6	3	49	6	1	92
4	6	-9	2	2	7	91	-5	30	-63	8
5	3	6	8	-3	1	9	-28	9	-4	3
6	9	7	3	5	9					
7	2	-1	8	8	5					
Ans										

No	21	22	23	24	25	26	27	28	29	30
1	6	2	9	7	6	4	4	89	43	9
2	5	1	1	-6	7	2	70	7	-1	2
3	1	5	4	9	4	38	-8	1	8	35
4	2	-4	7	3	3	6	-12	95	-24	8
5	3	7	8	5	2	57	9	2	7	10
6	8	3	2	-8	5					
7	9	-6	3	2	8					
Ans										

Hearing drill



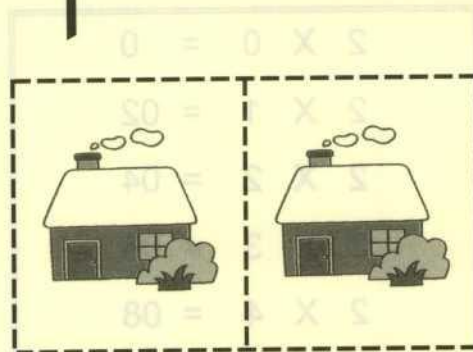
Time

1	$5+2+8+9+3+1+4=$	5	$6+2+8+9+3+4+5=$	9	$2+57+9-8-13=$
2	$8-4+2+1+6-7+9=$	6	$9+83+4+72+5=$	10	$68+1+2+40+7=$
3	$1+6+7+4+3+5+2=$	7	$6+59+1-4-37=$	11	$2+1+4+8+6+3+7=$
4	$7-2+5+9-6+3+4=$	8	$40+7+5+68+3=$	12	$3+6-2+9-5+7+4=$

# TIMES TABLE

1 X 0 = 0
1 X 1 = 01
1 X 2 = 02
1 X 3 = 03
1 X 4 = 04
1 X 5 = 05
1 X 6 = 06
1 X 7 = 07
1 X 8 = 08
1 X 9 = 09

1



$$1 + 1 = 2 \quad 1 \times 2$$

*You can do it!*



Fill in the blanks:

1 x ( ) = 04
1 x ( ) = 05
1 x ( ) = 02
1 x ( ) = 0
1 x ( ) = 06
1 x ( ) = 04
1 x ( ) = 08
1 x ( ) = 02
1 x ( ) = 05
1 x ( ) = 09
1 x ( ) = 07
1 x ( ) = 03
1 x ( ) = 01

Write the answers:

1 x 5 =
1 x 2 =
1 x 6 =
1 x 8 =
1 x 4 =
1 x 3 =
1 x 7 =
1 x 1 =
1 x 9 =
1 x 0 =
1 x 6 =
1 x 4 =
1 x 3 =



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## TIMES TABLE

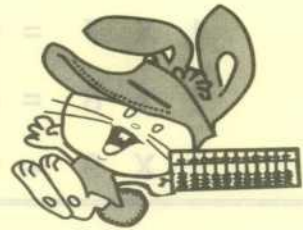
$2 \times 0 = 0$
$2 \times 1 = 02$
$2 \times 2 = 04$
$2 \times 3 = 06$
$2 \times 4 = 08$
$2 \times 5 = 10$
$2 \times 6 = 12$
$2 \times 7 = 14$
$2 \times 8 = 16$
$2 \times 9 = 18$

# 2



$$2 + 2 = 2 \times 2$$

*You can do it!*



Fill in the blanks:

$2 \times ( \quad ) = 04$
$2 \times ( \quad ) = 18$
$2 \times ( \quad ) = 02$
$2 \times ( \quad ) = 00$
$2 \times ( \quad ) = 06$
$2 \times ( \quad ) = 14$
$2 \times ( \quad ) = 08$
$2 \times ( \quad ) = 10$
$2 \times ( \quad ) = 16$
$2 \times ( \quad ) = 12$
$2 \times ( \quad ) = 08$
$2 \times ( \quad ) = 14$
$2 \times ( \quad ) = 06$

Write the answers:

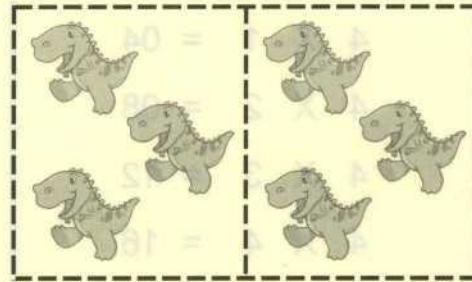
$2 \times 5 =$
$2 \times 2 =$
$2 \times 6 =$
$2 \times 8 =$
$2 \times 4 =$
$2 \times 3 =$
$2 \times 7 =$
$2 \times 1 =$
$2 \times 9 =$
$2 \times 0 =$
$2 \times 6 =$
$2 \times 4 =$
$2 \times 2 =$



# TIMES TABLE

$3 \times 0 = 0$
$3 \times 1 = 03$
$3 \times 2 = 06$
$3 \times 3 = 09$
$3 \times 4 = 12$
$3 \times 5 = 15$
$3 \times 6 = 18$
$3 \times 7 = 21$
$3 \times 8 = 24$
$3 \times 9 = 27$

# 3



$$3 + 3 = 3 \times 2$$

*You can do it!*



Fill in the blanks:

$3 \times ( ) = 06$
$3 \times ( ) = 15$
$3 \times ( ) = 03$
$3 \times ( ) = 0$
$3 \times ( ) = 09$
$3 \times ( ) = 18$
$3 \times ( ) = 24$
$3 \times ( ) = 15$
$3 \times ( ) = 27$
$3 \times ( ) = 12$
$3 \times ( ) = 21$
$3 \times ( ) = 03$
$3 \times ( ) = 09$

Write the answers:

$3 \times 3 =$
$3 \times 2 =$
$3 \times 5 =$
$3 \times 8 =$
$3 \times 4 =$
$3 \times 6 =$
$3 \times 0 =$
$3 \times 9 =$
$3 \times 7 =$
$3 \times 1 =$
$3 \times 6 =$
$3 \times 4 =$
$3 \times 3 =$



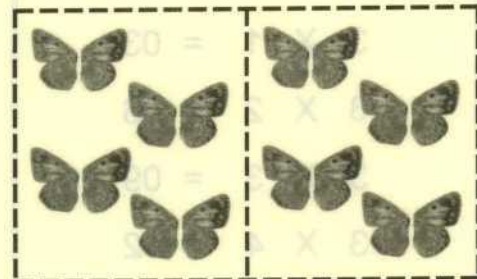
## TIMES TABLE

$4 \times 0 = 0$
$4 \times 1 = 04$
$4 \times 2 = 08$
$4 \times 3 = 12$
$4 \times 4 = 16$
$4 \times 5 = 20$
$4 \times 6 = 24$
$4 \times 7 = 28$
$4 \times 8 = 32$
$4 \times 9 = 36$

Fill in the blanks:

$4 \times ( ) = 08$
$4 \times ( ) = 16$
$4 \times ( ) = 32$
$4 \times ( ) = 0$
$4 \times ( ) = 24$
$4 \times ( ) = 04$
$4 \times ( ) = 28$
$4 \times ( ) = 20$
$4 \times ( ) = 12$
$4 \times ( ) = 24$
$4 \times ( ) = 32$
$4 \times ( ) = 16$
$4 \times ( ) = 36$

# 4



$$4 + 4 = 4 \times 2$$

You can do it!



Write the answers:

$4 \times 4 =$
$4 \times 2 =$
$4 \times 5 =$
$4 \times 8 =$
$4 \times 3 =$
$4 \times 6 =$
$4 \times 0 =$
$4 \times 7 =$
$4 \times 9 =$
$4 \times 1 =$
$4 \times 6 =$
$4 \times 8 =$
$4 \times 7 =$

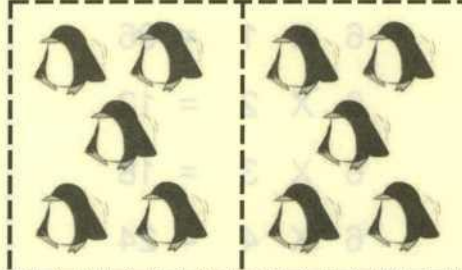


# TIMES TABLE

$5 \times 0 = 0$
$5 \times 1 = 05$
$5 \times 2 = 10$
$5 \times 3 = 15$
$5 \times 4 = 20$
$5 \times 5 = 25$
$5 \times 6 = 30$
$5 \times 7 = 35$
$5 \times 8 = 40$
$5 \times 9 = 45$


# 5

$0 = 0 \times 5$



$5 + 5 = 5 \times 2$

*You can do it!*



Fill in the blanks:

$5 \times ( ) = 15$
$5 \times ( ) = 10$
$5 \times ( ) = 05$
$5 \times ( ) = 0$
$5 \times ( ) = 25$
$5 \times ( ) = 20$
$5 \times ( ) = 30$
$5 \times ( ) = 40$
$5 \times ( ) = 35$
$5 \times ( ) = 05$
$5 \times ( ) = 40$
$5 \times ( ) = 20$
$5 \times ( ) = 10$

Write the answers:

$5 \times 3 = ( ) \times 5$
$5 \times 2 = ( ) \times 5$
$5 \times 5 = ( ) \times 5$
$5 \times 8 = ( ) \times 5$
$5 \times 4 = ( ) \times 5$
$5 \times 6 = ( ) \times 5$
$5 \times 0 = ( ) \times 5$
$5 \times 2 = ( ) \times 5$
$5 \times 9 = ( ) \times 5$
$5 \times 1 = ( ) \times 5$
$5 \times 7 = ( ) \times 5$
$5 \times 8 = ( ) \times 5$
$5 \times 6 = ( ) \times 5$



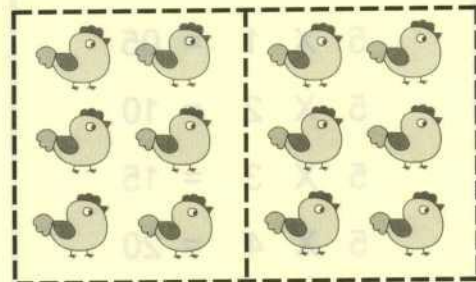
## TIMES TABLE

$6 \times 0 = 0$
$6 \times 1 = 06$
$6 \times 2 = 12$
$6 \times 3 = 18$
$6 \times 4 = 24$
$6 \times 5 = 30$
$6 \times 6 = 36$
$6 \times 7 = 42$
$6 \times 8 = 48$
$6 \times 9 = 54$

Fill in the blanks:

$6 \times ( ) = 18$
$6 \times ( ) = 24$
$6 \times ( ) = 0$
$6 \times ( ) = 30$
$6 \times ( ) = 12$
$6 \times ( ) = 06$
$6 \times ( ) = 36$
$6 \times ( ) = 54$
$6 \times ( ) = 42$
$6 \times ( ) = 12$
$6 \times ( ) = 48$
$6 \times ( ) = 54$
$6 \times ( ) = 06$

# 6



$$6 + 6 = 6 \times 2$$

*You can do it!*



Write the answers:

$6 \times 3 =$
$6 \times 2 =$
$6 \times 5 =$
$6 \times 8 =$
$6 \times 7 =$
$6 \times 6 =$
$6 \times 0 =$
$6 \times 4 =$
$6 \times 9 =$
$6 \times 1 =$
$6 \times 7 =$
$6 \times 9 =$
$6 \times 8 =$

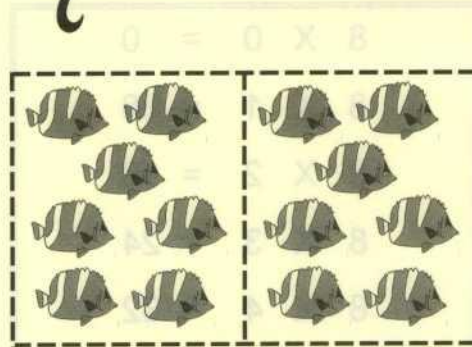


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# TIMES TABLE

$7 \times 0 = 0$
$7 \times 1 = 07$
$7 \times 2 = 14$
$7 \times 3 = 21$
$7 \times 4 = 28$
$7 \times 5 = 35$
$7 \times 6 = 42$
$7 \times 7 = 49$
$7 \times 8 = 56$
$7 \times 9 = 63$

# 7



$$7 + 7 = 7 \times 2$$

You can do it!



Fill in the blanks:

$7 \times ( ) = 07$
$7 \times ( ) = 42$
$7 \times ( ) = 0$
$7 \times ( ) = 35$
$7 \times ( ) = 21$
$7 \times ( ) = 56$
$7 \times ( ) = 14$
$7 \times ( ) = 63$
$7 \times ( ) = 42$
$7 \times ( ) = 28$
$7 \times ( ) = 49$
$7 \times ( ) = 35$
$7 \times ( ) = 56$

Write the answers:

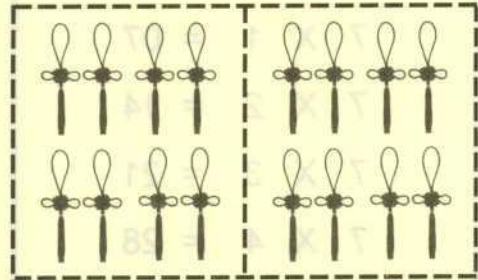
$7 \times 2 =$
$7 \times 4 =$
$7 \times 5 =$
$7 \times 1 =$
$7 \times 7 =$
$7 \times 6 =$
$7 \times 9 =$
$7 \times 3 =$
$7 \times 8 =$
$7 \times 0 =$
$7 \times 7 =$
$7 \times 9 =$
$7 \times 4 =$



## TIMES TABLE

$8 \times 0 = 0$
$8 \times 1 = 08$
$8 \times 2 = 16$
$8 \times 3 = 24$
$8 \times 4 = 32$
$8 \times 5 = 40$
$8 \times 6 = 48$
$8 \times 7 = 56$
$8 \times 8 = 64$
$8 \times 9 = 72$

# 8



$$8 + 8 = 8 \times 2$$

*You can do it!*



Fill in the blanks:

$8 \times ( ) = 08$
$8 \times ( ) = 24$
$8 \times ( ) = 48$
$8 \times ( ) = 16$
$8 \times ( ) = 0$
$8 \times ( ) = 56$
$8 \times ( ) = 72$
$8 \times ( ) = 64$
$8 \times ( ) = 40$
$8 \times ( ) = 16$
$8 \times ( ) = 40$
$8 \times ( ) = 72$
$8 \times ( ) = 32$

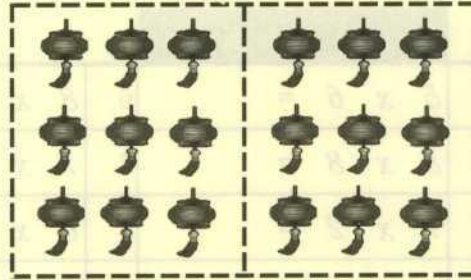
Write the answers:

$8 \times 2 =$
$8 \times 5 =$
$8 \times 4 =$
$8 \times 1 =$
$8 \times 6 =$
$8 \times 7 =$
$8 \times 3 =$
$8 \times 9 =$
$8 \times 0 =$
$8 \times 8 =$
$8 \times 7 =$
$8 \times 9 =$
$8 \times 6 =$

# TIMES TABLE

# 9

$9 \times 0 = 0$
$9 \times 1 = 09$
$9 \times 2 = 18$
$9 \times 3 = 27$
$9 \times 4 = 36$
$9 \times 5 = 45$
$9 \times 6 = 54$
$9 \times 7 = 63$
$9 \times 8 = 72$
$9 \times 9 = 81$



$$9 + 9 = 9 \times 2$$

*You can do it!*



Fill in the blanks:

$9 \times ( \quad ) = 27$
$9 \times ( \quad ) = 09$
$9 \times ( \quad ) = 36$
$9 \times ( \quad ) = 18$
$9 \times ( \quad ) = 0$
$9 \times ( \quad ) = 63$
$9 \times ( \quad ) = 54$
$9 \times ( \quad ) = 81$
$9 \times ( \quad ) = 45$
$9 \times ( \quad ) = 27$
$9 \times ( \quad ) = 18$
$9 \times ( \quad ) = 54$
$9 \times ( \quad ) = 72$

Write the answers:

$9 \times 2 =$
$9 \times 5 =$
$9 \times 1 =$
$9 \times 4 =$
$9 \times 0 =$
$9 \times 6 =$
$9 \times 3 =$
$9 \times 7 =$
$9 \times 9 =$
$9 \times 8 =$
$9 \times 5 =$
$9 \times 9 =$
$9 \times 7 =$



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# Abacus Calculation Basic (X)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

## 1 digit x 1 digit

1	$5 \times 6 =$	6	$8 \times 6 =$	11	$5 \times 2 =$
2	$8 \times 8 =$	7	$7 \times 5 =$	12	$6 \times 3 =$
3	$7 \times 2 =$	8	$6 \times 9 =$	13	$4 \times 6 =$
4	$9 \times 3 =$	9	$9 \times 7 =$	14	$9 \times 0 =$
5	$8 \times 9 =$	10	$5 \times 8 =$	15	$8 \times 8 =$

16	$7 \times 9 =$	21	$7 \times 6 =$	26	$2 \times 6 =$
17	$2 \times 4 =$	22	$9 \times 8 =$	27	$5 \times 7 =$
18	$6 \times 2 =$	23	$8 \times 2 =$	28	$3 \times 9 =$
19	$5 \times 1 =$	24	$6 \times 1 =$	29	$4 \times 4 =$
20	$6 \times 8 =$	25	$5 \times 6 =$	30	$7 \times 6 =$

31	$8 \times 9 =$	36	$7 \times 5 =$	41	$5 \times 3 =$
32	$7 \times 2 =$	37	$9 \times 7 =$	42	$6 \times 6 =$
33	$4 \times 9 =$	38	$6 \times 8 =$	43	$2 \times 9 =$
34	$5 \times 5 =$	39	$8 \times 1 =$	44	$9 \times 6 =$
35	$9 \times 5 =$	40	$6 \times 9 =$	45	$8 \times 2 =$

46	$4 \times 8 =$	51	$7 \times 3 =$	56	$2 \times 2 =$
47	$5 \times 7 =$	52	$5 \times 5 =$	57	$9 \times 9 =$
48	$8 \times 5 =$	53	$2 \times 8 =$	58	$7 \times 7 =$
49	$7 \times 8 =$	54	$7 \times 2 =$	59	$8 \times 8 =$
50	$9 \times 2 =$	55	$8 \times 8 =$	60	$3 \times 3 =$

Hearing drill



Time

1	$4+6+5+1+7+9+3=$	3	$45+1+8+23+9=$	5	$91+6+70+8+2=$
2	$6+7-1+3+2-4+8$	4	$1+85+7-3-64=$	6	$9+43+5-6-27=$

# Abacus Calculation Basic (×)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

- ☆  $2 \times 1 = 02$     ☆  $2 \times 4 = 08$     ☆  $2 \times 7 = 14$
- ☆  $2 \times 2 = 04$     ☆  $2 \times 5 = 10$     ☆  $2 \times 8 = 16$
- ☆  $2 \times 3 = 06$     ☆  $2 \times 6 = 12$     ☆  $2 \times 9 = 18$

## 2 digits x 2

1	$67 \times 2 =$	6	$76 \times 2 =$	11	$87 \times 2 =$
2	$89 \times 2 =$	7	$88 \times 2 =$	12	$79 \times 2 =$
3	$78 \times 2 =$	8	$68 \times 2 =$	13	$97 \times 2 =$
4	$96 \times 2 =$	9	$59 \times 2 =$	14	$56 \times 2 =$
5	$98 \times 2 =$	10	$65 \times 2 =$	15	$95 \times 2 =$

16	$66 \times 2 =$	21	$86 \times 2 =$	26	$76 \times 2 =$
17	$57 \times 2 =$	22	$75 \times 2 =$	27	$98 \times 2 =$
18	$85 \times 2 =$	23	$69 \times 2 =$	28	$87 \times 2 =$
19	$78 \times 2 =$	24	$97 \times 2 =$	29	$67 \times 2 =$
20	$99 \times 2 =$	25	$58 \times 2 =$	30	$56 \times 2 =$

31	$76 \times 2 =$	36	$78 \times 2 =$	41	$96 \times 2 =$
32	$97 \times 2 =$	37	$87 \times 2 =$	42	$59 \times 2 =$
33	$68 \times 2 =$	38	$96 \times 2 =$	43	$75 \times 2 =$
34	$89 \times 2 =$	39	$77 \times 2 =$	44	$99 \times 2 =$
35	$69 \times 2 =$	40	$88 \times 2 =$	45	$66 \times 2 =$

Hearing drill



Time

1	$6+3+2+7+8+4+9=$	5	$4+3+9+5+8+2+1=$	9	$6+95+8-70-5=$
2	$3+6-7+9+2-8+5=$	6	$27+85+4+9+6=$	10	$9+7+83+5+20=$
3	$6+8+5+4+3+2+7=$	7	$2+3+58-4-30=$	11	$9+43+5-6-27=$
4	$4+9-2+8+1-6+3=$	8	$65+9+2+41+7=$	12	$2+10+8+36+7=$

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# Abacus Calculation Basic (×)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

☆  $3 \times 1 = 03$

☆  $3 \times 4 = 12$

☆  $3 \times 7 = 21$

☆  $3 \times 2 = 06$

☆  $3 \times 5 = 15$

☆  $3 \times 8 = 24$

☆  $3 \times 3 = 09$

☆  $3 \times 6 = 18$

☆  $3 \times 9 = 27$

## 2 digits $\times 3$

1	$46 \times 3 =$	6	$94 \times 3 =$	11	$47 \times 3 =$
2	$57 \times 3 =$	7	$89 \times 3 =$	12	$58 \times 3 =$
3	$68 \times 3 =$	8	$76 \times 3 =$	13	$99 \times 3 =$
4	$79 \times 3 =$	9	$65 \times 3 =$	14	$87 \times 3 =$
5	$85 \times 3 =$	10	$54 \times 3 =$	15	$78 \times 3 =$

16	$66 \times 3 =$	21	$56 \times 3 =$	26	$59 \times 3 =$
17	$45 \times 3 =$	22	$95 \times 3 =$	27	$48 \times 3 =$
18	$67 \times 3 =$	23	$74 \times 3 =$	28	$69 \times 3 =$
19	$89 \times 3 =$	24	$86 \times 3 =$	29	$88 \times 3 =$
20	$98 \times 3 =$	25	$65 \times 3 =$	30	$76 \times 3 =$

31	$85 \times 3 =$	36	$88 \times 3 =$	41	$89 \times 3 =$
32	$75 \times 3 =$	37	$58 \times 3 =$	42	$45 \times 3 =$
33	$68 \times 3 =$	38	$69 \times 3 =$	43	$94 \times 3 =$
34	$55 \times 3 =$	39	$96 \times 3 =$	44	$87 \times 3 =$
35	$49 \times 3 =$	40	$77 \times 3 =$	45	$67 \times 3 =$

Hearing drill



Time

1	$3+8+4+9+5+7+2=$	5	$6+9+8+5+3+2+7=$	9	$45+8+1-10-3=$
2	$7+4-8+5+6-1+3=$	6	$5+7+3+1+7+8=$	10	$96+3+42+4+7=$
3	$2+6+8+5+1+9+4=$	7	$70+9+4-6+4-5=$	11	$8+95-2-37+1=$
4	$2+1+5-8+3+9-7=$	8	$8+90+4+3+12=$	12	$1+2+50+9-48=$

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# Abacus Calculation Basic (×)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

☆  $4 \times 1 = 04$

☆  $4 \times 4 = 16$

☆  $4 \times 7 = 28$

☆  $4 \times 2 = 08$

☆  $4 \times 5 = 20$

☆  $4 \times 8 = 32$

☆  $4 \times 3 = 12$

☆  $4 \times 6 = 24$

☆  $4 \times 9 = 36$

## 2 digits $\times$ 4

1	$39 \times 4 =$	6	$85 \times 4 =$	11	$53 \times 4 =$
2	$48 \times 4 =$	7	$93 \times 4 =$	12	$49 \times 4 =$
3	$57 \times 4 =$	8	$84 \times 4 =$	13	$38 \times 4 =$
4	$66 \times 4 =$	9	$76 \times 4 =$	14	$94 \times 4 =$
5	$75 \times 4 =$	10	$65 \times 4 =$	15	$58 \times 4 =$

16	$36 \times 4 =$	21	$89 \times 4 =$	26	$54 \times 4 =$
17	$74 \times 4 =$	22	$63 \times 4 =$	27	$38 \times 4 =$
18	$95 \times 4 =$	23	$87 \times 4 =$	28	$45 \times 4 =$
19	$43 \times 4 =$	24	$96 \times 4 =$	29	$64 \times 4 =$
20	$67 \times 4 =$	25	$73 \times 4 =$	30	$99 \times 4 =$

31	$37 \times 4 =$	36	$88 \times 4 =$	41	$66 \times 4 =$
32	$45 \times 4 =$	37	$97 \times 4 =$	42	$95 \times 4 =$
33	$59 \times 4 =$	38	$36 \times 4 =$	43	$85 \times 4 =$
34	$65 \times 4 =$	39	$46 \times 4 =$	44	$63 \times 4 =$
35	$76 \times 4 =$	40	$77 \times 4 =$	45	$48 \times 4 =$

Hearing drill



Time

1	$2+3+8+4+1+9+5=$	5	$3+2+4+6+9+5+1=$	9	$9+80+1-46-2=$
2	$9-1+4+2-3+8+6=$	6	$3+48+7+61+2=$	10	$52+4+73+3+9=$
3	$8+3+5+9+2+6+7=$	7	$7+2+66-5-48=$	11	$6+35+4-8-17=$
4	$4+6-1+5+7+8-3=$	8	$35+6+7+71+8=$	12	$48+4+20+6+5=$

High approval company



# Abacus Calculation Basic (×)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

- ☆  $5 \times 1 = 05$     ☆  $5 \times 4 = 20$     ☆  $5 \times 7 = 35$
- ☆  $5 \times 2 = 10$     ☆  $5 \times 5 = 25$     ☆  $5 \times 8 = 40$
- ☆  $5 \times 3 = 15$     ☆  $5 \times 6 = 30$     ☆  $5 \times 9 = 45$

## 2 digits $\times 5$

1	$35 \times 5 =$	6	$53 \times 5 =$	11	$56 \times 5 =$
2	$46 \times 5 =$	7	$74 \times 5 =$	12	$64 \times 5 =$
3	$67 \times 5 =$	8	$25 \times 5 =$	13	$72 \times 5 =$
4	$89 \times 5 =$	9	$39 \times 5 =$	14	$87 \times 5 =$
5	$98 \times 5 =$	10	$48 \times 5 =$	15	$95 \times 5 =$

16	$23 \times 5 =$	21	$85 \times 5 =$	26	$46 \times 5 =$
17	$52 \times 5 =$	22	$67 \times 5 =$	27	$57 \times 5 =$
18	$73 \times 5 =$	23	$48 \times 5 =$	28	$68 \times 5 =$
19	$94 \times 5 =$	24	$29 \times 5 =$	29	$79 \times 5 =$
20	$36 \times 5 =$	25	$32 \times 5 =$	30	$82 \times 5 =$

31	$97 \times 5 =$	36	$48 \times 5 =$	41	$52 \times 5 =$
32	$75 \times 5 =$	37	$69 \times 5 =$	42	$98 \times 5 =$
33	$54 \times 5 =$	38	$82 \times 5 =$	43	$35 \times 5 =$
34	$37 \times 5 =$	39	$38 \times 5 =$	44	$67 \times 5 =$
35	$26 \times 5 =$	40	$57 \times 5 =$	45	$25 \times 5 =$

Hearing drill



Time \_\_\_\_\_

1	$2+9+3+7+8+5+6=$	5	$3+1+4+9+8+2+7=$	9	$7+9+23-1-14=$
2	$4+7-8+2+1+9-5=$	6	$93+8+5+21+6=$	10	$90+4+18+6+3=$
3	$8+7+5+4+1+3+2=$	7	$3+67+5-1-48=$	11	$2+56+1-30-8=$
4	$2+3+9-6+7-5+1=$	8	$76+4+50+8+1=$	12	$65+3+49+7+4=$

# Abacus Calculation Basic (×)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

## Review (x 2, 3, 4, 5)

1	$65 \times 3 =$	6	$77 \times 5 =$	11	$64 \times 4 =$
2	$98 \times 2 =$	7	$58 \times 3 =$	12	$53 \times 5 =$
3	$47 \times 4 =$	8	$69 \times 2 =$	13	$57 \times 3 =$
4	$87 \times 5 =$	9	$78 \times 2 =$	14	$89 \times 2 =$
5	$96 \times 4 =$	10	$95 \times 3 =$	15	$96 \times 4 =$

16	$85 \times 5 =$	21	$43 \times 4 =$	26	$69 \times 4 =$
17	$69 \times 2 =$	22	$55 \times 5 =$	27	$95 \times 3 =$
18	$56 \times 3 =$	23	$59 \times 3 =$	28	$76 \times 2 =$
19	$36 \times 4 =$	24	$87 \times 2 =$	29	$96 \times 3 =$
20	$93 \times 5 =$	25	$75 \times 5 =$	30	$87 \times 4 =$

31	$27 \times 5 =$	36	$74 \times 4 =$	41	$53 \times 5 =$
32	$38 \times 4 =$	37	$88 \times 5 =$	42	$76 \times 3 =$
33	$49 \times 3 =$	38	$95 \times 2 =$	43	$53 \times 4 =$
34	$59 \times 2 =$	39	$48 \times 3 =$	44	$66 \times 2 =$
35	$68 \times 3 =$	40	$63 \times 4 =$	45	$43 \times 4 =$

46	$55 \times 3 =$	51	$78 \times 2 =$	56	$85 \times 2 =$
47	$76 \times 4 =$	52	$46 \times 3 =$	57	$59 \times 3 =$
48	$89 \times 2 =$	53	$97 \times 4 =$	58	$49 \times 4 =$
49	$37 \times 5 =$	54	$29 \times 5 =$	59	$69 \times 5 =$
50	$68 \times 2 =$	55	$94 \times 3 =$	60	$88 \times 4 =$

Hearing drill



Time

1	$9+8+3+2+5+4+7=$	3	$4+1+6+8+9+3+5=$	5	$2+6+90-5-18=$
2	$2+4-5+6+7-8+1=$	4	$1+54+8+6+79=$	6	$4-2+56+8-40=$



# Abacus Calculation Basic (×)



Teacher's note: \_\_\_\_\_

Mark: \_\_\_\_\_

☆  $6 \times 1 = 06$

☆  $6 \times 4 = 24$

☆  $6 \times 7 = 42$

☆  $6 \times 2 = 12$

☆  $6 \times 5 = 30$

☆  $6 \times 8 = 48$

☆  $6 \times 3 = 18$

☆  $6 \times 6 = 36$

☆  $6 \times 9 = 54$

## 2 digits X 6

1	$29 \times 6 =$	6	$74 \times 6 =$	11	$75 \times 6 =$
2	$38 \times 6 =$	7	$83 \times 6 =$	12	$66 \times 6 =$
3	$47 \times 6 =$	8	$92 \times 6 =$	13	$57 \times 6 =$
4	$56 \times 6 =$	9	$85 \times 6 =$	14	$48 \times 6 =$
5	$65 \times 6 =$	10	$94 \times 6 =$	15	$39 \times 6 =$

16	$26 \times 6 =$	21	$23 \times 6 =$	26	$63 \times 6 =$
17	$32 \times 6 =$	22	$47 \times 6 =$	27	$58 \times 6 =$
18	$54 \times 6 =$	23	$65 \times 6 =$	28	$43 \times 6 =$
19	$76 \times 6 =$	24	$89 \times 6 =$	29	$86 \times 6 =$
20	$98 \times 6 =$	25	$96 \times 6 =$	30	$78 \times 6 =$

31	$93 \times 6 =$	36	$49 \times 6 =$	41	$38 \times 6 =$
32	$84 \times 6 =$	37	$36 \times 6 =$	42	$74 \times 6 =$
33	$77 \times 6 =$	38	$24 \times 6 =$	43	$32 \times 6 =$
34	$63 \times 6 =$	39	$79 \times 6 =$	44	$98 \times 6 =$
35	$54 \times 6 =$	40	$95 \times 6 =$	45	$48 \times 6 =$

Hearing drill



Time

1	$7+2+8+5+4+3+6=$	5	$6+9+8+5+4+7+3=$	9	$50-6+4-38+7=$
2	$5+6-8+9+2-7+4=$	6	$1+56+4+8+79=$	10	$7+3+61+5+48=$
3	$4+3+1+6+9+8+7=$	7	$90+6-12+8-5=$	11	$90+1-28+6-2=$
4	$7+8-5+3+2+1-6=$	8	$5+29+10+3+8=$	12	$4+19+5+83+7=$

High approval company

# Abacus Calculation Basic (×)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

- ☆  $7 \times 1 = 07$  ☆  $7 \times 4 = 28$  ☆  $7 \times 7 = 49$   
 ☆  $7 \times 2 = 14$  ☆  $7 \times 5 = 35$  ☆  $7 \times 8 = 56$   
 ☆  $7 \times 3 = 21$  ☆  $7 \times 6 = 42$  ☆  $7 \times 9 = 63$

## 2 digits X 7

1	$92 \times 7 =$	6	$47 \times 7 =$	11	$97 \times 7 =$
2	$83 \times 7 =$	7	$38 \times 7 =$	12	$26 \times 7 =$
3	$74 \times 7 =$	8	$29 \times 7 =$	13	$45 \times 7 =$
4	$65 \times 7 =$	9	$39 \times 7 =$	14	$64 \times 7 =$
5	$56 \times 7 =$	10	$68 \times 7 =$	15	$83 \times 7 =$

16	$52 \times 7 =$	21	$67 \times 7 =$	26	$84 \times 7 =$
17	$24 \times 7 =$	22	$75 \times 7 =$	27	$46 \times 7 =$
18	$36 \times 7 =$	23	$89 \times 7 =$	28	$25 \times 7 =$
19	$48 \times 7 =$	24	$92 \times 7 =$	29	$57 \times 7 =$
20	$53 \times 7 =$	25	$63 \times 7 =$	30	$32 \times 7 =$

31	$26 \times 7 =$	36	$54 \times 7 =$	41	$29 \times 7 =$
32	$55 \times 7 =$	37	$66 \times 7 =$	42	$36 \times 7 =$
33	$76 \times 7 =$	38	$85 \times 7 =$	43	$47 \times 7 =$
34	$37 \times 7 =$	39	$96 \times 7 =$	44	$56 \times 7 =$
35	$43 \times 7 =$	40	$77 \times 7 =$	45	$92 \times 7 =$

## Hearing drill



Time

1	$8+2+7+1+3+9+4=$	5	$2+3+8+9+5+1+7=$	9	$79+1-8-31+5=$
2	$6+9-1+5+3+7-8=$	6	$78+4+96+1+3=$	10	$9+24+6+60+8=$
3	$7+6+3+4+5+9+2=$	7	$86+3-5-10+2=$	11	$4+76-3-52+1=$
4	$2+8-5+3+1-4+6=$	8	$5+94+5+6+47=$	12	$3+7+40+5+62=$

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# Abacus Calculation Basic (×)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

- ☆  $8 \times 1 = 08$
- ☆  $8 \times 4 = 32$
- ☆  $8 \times 7 = 56$
- ☆  $8 \times 2 = 16$
- ☆  $8 \times 5 = 40$
- ☆  $8 \times 8 = 64$
- ☆  $8 \times 3 = 24$
- ☆  $8 \times 6 = 48$
- ☆  $8 \times 9 = 72$

## 2 digits X 8

1	$24 \times 8 =$	6	$75 \times 8 =$	11	$49 \times 8 =$
2	$36 \times 8 =$	7	$89 \times 8 =$	12	$25 \times 8 =$
3	$48 \times 8 =$	8	$97 \times 8 =$	13	$37 \times 8 =$
4	$52 \times 8 =$	9	$82 \times 8 =$	14	$57 \times 8 =$
5	$63 \times 8 =$	10	$64 \times 8 =$	15	$78 \times 8 =$

16	$98 \times 8 =$	21	$45 \times 8 =$	26	$48 \times 8 =$
17	$83 \times 8 =$	22	$34 \times 8 =$	27	$69 \times 8 =$
18	$72 \times 8 =$	23	$23 \times 8 =$	28	$85 \times 8 =$
19	$67 \times 8 =$	24	$92 \times 8 =$	29	$54 \times 8 =$
20	$56 \times 8 =$	25	$27 \times 8 =$	30	$38 \times 8 =$

31	$96 \times 8 =$	36	$47 \times 8 =$	41	$92 \times 8 =$
32	$77 \times 8 =$	37	$38 \times 8 =$	42	$83 \times 8 =$
33	$86 \times 8 =$	38	$29 \times 8 =$	43	$74 \times 8 =$
34	$65 \times 8 =$	39	$84 \times 8 =$	44	$64 \times 8 =$
35	$58 \times 8 =$	40	$76 \times 8 =$	45	$82 \times 8 =$

Hearing drill



Time \_\_\_\_\_

1	$2+6+7+3+8+4+7=$	5	$8+2+4+7+1+6+3=$	9	$4+97-3-12+5=$
2	$8+4-3+5+1-6+2=$	6	$36+8+27+4+9=$	10	$3+7+5+20+84=$
3	$4+2+9+1+3+7+8=$	7	$8+2+60-5-49=$	11	$49-8+7-31+6=$
4	$8+9-4+7+6-2+1=$	8	$11+3+40+8+9=$	12	$7+82+50+8+6=$

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# Abacus Calculation Basic (×)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

☆  $9 \times 1 = 09$

☆  $9 \times 4 = 36$

☆  $9 \times 7 = 63$

☆  $9 \times 2 = 18$

☆  $9 \times 5 = 45$

☆  $9 \times 8 = 72$

☆  $9 \times 3 = 27$

☆  $9 \times 6 = 54$

☆  $9 \times 9 = 81$

## 2 digits X 9

1	$29 \times 9 =$	6	$74 \times 9 =$	11	$59 \times 9 =$
2	$38 \times 9 =$	7	$83 \times 9 =$	12	$45 \times 9 =$
3	$47 \times 9 =$	8	$92 \times 9 =$	13	$97 \times 9 =$
4	$56 \times 9 =$	9	$23 \times 9 =$	14	$89 \times 9 =$
5	$65 \times 9 =$	10	$34 \times 9 =$	15	$78 \times 9 =$

16	$62 \times 9 =$	21	$25 \times 9 =$	26	$64 \times 9 =$
17	$54 \times 9 =$	22	$37 \times 9 =$	27	$46 \times 9 =$
18	$68 \times 9 =$	23	$49 \times 9 =$	28	$32 \times 9 =$
19	$76 \times 9 =$	24	$52 \times 9 =$	29	$57 \times 9 =$
20	$82 \times 9 =$	25	$93 \times 9 =$	30	$73 \times 9 =$

31	$85 \times 9 =$	36	$57 \times 9 =$	41	$24 \times 9 =$
32	$74 \times 9 =$	37	$68 \times 9 =$	42	$34 \times 9 =$
33	$24 \times 9 =$	38	$99 \times 9 =$	43	$49 \times 9 =$
34	$35 \times 9 =$	39	$43 \times 9 =$	44	$56 \times 9 =$
35	$46 \times 9 =$	40	$35 \times 9 =$	45	$62 \times 9 =$

Hearing drill



Time

1	$7+5+3+9+4+2+6=$	5	$5+1+4+6+3+9+8=$	9	$93-8+6-51+7=$
2	$3+8-6+4+1-7+5=$	6	$8+59+9+6+24=$	10	$84+5+50+7+2=$
3	$5+3+8+2+7+1+4=$	7	$59+4+3-12-7=$	11	$51-4+7-32+9=$
4	$8+1-4+6+9+3-2=$	8	$3+20+7+1+46=$	12	$1+20+2+68+4=$

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# Abacus Calculation Basic (×)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

## Review (x 6, 7, 8, 9)

1	$24 \times 7 =$	6	$85 \times 7 =$	11	$62 \times 7 =$
2	$57 \times 7 =$	7	$45 \times 9 =$	12	$28 \times 6 =$
3	$76 \times 8 =$	8	$84 \times 6 =$	13	$84 \times 6 =$
4	$46 \times 9 =$	9	$78 \times 9 =$	14	$95 \times 7 =$
5	$27 \times 8 =$	10	$32 \times 8 =$	15	$29 \times 9 =$

16	$26 \times 8 =$	21	$86 \times 9 =$	26	$68 \times 9 =$
17	$32 \times 7 =$	22	$42 \times 8 =$	27	$32 \times 6 =$
18	$43 \times 8 =$	23	$45 \times 7 =$	28	$68 \times 7 =$
19	$98 \times 9 =$	24	$49 \times 8 =$	29	$73 \times 9 =$
20	$27 \times 6 =$	25	$34 \times 7 =$	30	$29 \times 6 =$

31	$58 \times 9 =$	36	$46 \times 8 =$	41	$34 \times 8 =$
32	$38 \times 8 =$	37	$67 \times 9 =$	42	$23 \times 9 =$
33	$73 \times 7 =$	38	$88 \times 6 =$	43	$65 \times 6 =$
34	$92 \times 6 =$	39	$74 \times 7 =$	44	$52 \times 7 =$
35	$28 \times 7 =$	40	$35 \times 8 =$	45	$66 \times 6 =$

46	$25 \times 7 =$	51	$43 \times 6 =$	56	$24 \times 8 =$
47	$23 \times 6 =$	52	$29 \times 7 =$	57	$29 \times 6 =$
48	$38 \times 9 =$	53	$77 \times 8 =$	58	$46 \times 7 =$
49	$36 \times 8 =$	54	$45 \times 9 =$	59	$58 \times 6 =$
50	$47 \times 9 =$	55	$93 \times 9 =$	60	$85 \times 8 =$

Hearing drill



Time

1	$8+4+6+5+7+1+9=$	3	$3+6+9+2+1+5+4=$	5	$6+97-8+4-71=$
2	$6+9-8+2+5-4+7=$	4	$15+7+3+7+4+9=$	6	$9+5+82+7+50=$

# Abacus Calculation Basic (X)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

## Review Test ( 1 )

1	$68 \times 7 =$
2	$45 \times 6 =$
3	$74 \times 3 =$
4	$56 \times 2 =$
5	$65 \times 4 =$
6	$35 \times 5 =$
7	$84 \times 9 =$
8	$29 \times 8 =$
9	$96 \times 2 =$
10	$95 \times 3 =$
11	$78 \times 5 =$
12	$66 \times 6 =$
13	$85 \times 8 =$
14	$57 \times 4 =$
15	$46 \times 9 =$
16	$34 \times 7 =$
17	$95 \times 6 =$
18	$79 \times 7 =$
19	$92 \times 8 =$
20	$23 \times 9 =$

Time Limit : 10 Minutes

21	$58 \times 5 =$
22	$49 \times 4 =$
23	$67 \times 3 =$
24	$96 \times 2 =$
25	$75 \times 8 =$
26	$88 \times 3 =$
27	$46 \times 6 =$
28	$38 \times 9 =$
29	$83 \times 4 =$
30	$94 \times 7 =$
31	$86 \times 2 =$
32	$57 \times 3 =$
33	$76 \times 4 =$
34	$68 \times 5 =$
35	$28 \times 6 =$
36	$36 \times 7 =$
37	$48 \times 8 =$
38	$39 \times 9 =$
39	$99 \times 3 =$
40	$78 \times 5 =$

Time Limit : 10 Minutes



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# Abacus Calculation Basic (×)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

**product: 1st >10 2nd <10**

1	42 x 3 =
2	52 x 4 =
3	81 x 5 =
4	73 x 3 =
5	61 x 7 =
6	54 x 2 =
7	91 x 9 =
8	54 x 2 =
9	41 x 8 =
10	63 x 3 =
11	71 x 6 =
12	82 x 4 =
13	62 x 4 =
14	94 x 2 =
15	81 x 8 =
16	83 x 3 =
17	61 x 4 =
18	84 x 2 =
19	93 x 3 =
20	53 x 2 =

21	42 x 4 =
22	21 x 6 =
23	31 x 8 =
24	92 x 3 =
25	51 x 5 =
26	74 x 2 =
27	61 x 8 =
28	72 x 2 =
29	21 x 7 =
30	32 x 4 =
31	71 x 9 =
32	41 x 8 =
33	31 x 7 =
34	61 x 6 =
35	91 x 5 =
36	62 x 4 =
37	83 x 3 =
38	73 x 2 =
39	91 x 7 =
40	31 x 5 =

Time Limit : 10 Minutes

Time Limit : 10 Minutes

High approval company

# Abacus Calculation Basic (×)

2020



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

product: 1st <10 2nd >10	
1	49 x 2 =
2	28 x 3 =
3	24 x 4 =
4	15 x 5 =
5	14 x 6 =
6	13 x 7 =
7	12 x 8 =
8	48 x 2 =
9	29 x 3 =
10	18 x 5 =
11	12 x 7 =
12	14 x 3 =
13	37 x 2 =
14	25 x 4 =
15	15 x 6 =
16	18 x 8 =
17	17 x 4 =
18	19 x 5 =
19	14 x 7 =
20	19 x 6 =

Time Limit : 10 Minutes

21	39 x 3 =
22	16 x 6 =
23	17 x 8 =
24	28 x 4 =
25	29 x 2 =
26	16 x 3 =
27	17 x 6 =
28	29 x 4 =
29	19 x 8 =
30	48 x 2 =
31	12 x 9 =
32	13 x 8 =
33	34 x 3 =
34	17 x 5 =
35	15 x 7 =
36	38 x 2 =
37	27 x 4 =
38	13 x 6 =
39	39 x 3 =
40	47 x 2 =

Time Limit : 10 Minutes

High approval company



# Abacus Calculation Basic (×)



Teacher's note: \_\_\_\_\_

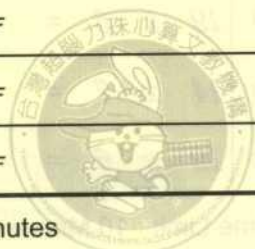
Mark : \_\_\_\_\_

product: 1st <10 2nd <10	
1	43 x 2 =
2	13 x 3 =
3	21 x 4 =
4	31 x 2 =
5	11 x 6 =
6	23 x 3 =
7	42 x 2 =
8	11 x 9 =
9	21 x 2 =
10	22 x 4 =
11	12 x 4 =
12	41 x 2 =
13	23 x 3 =
14	32 x 2 =
15	11 x 7 =
16	22 x 3 =
17	11 x 8 =
18	41 x 2 =
19	31 x 3 =
20	23 x 2 =

Time Limit : 10 Minutes

21	11 x 5 =
22	34 x 2 =
23	32 x 3 =
24	10 x 4 =
25	33 x 2 =
26	40 x 2 =
27	12 x 3 =
28	44 x 2 =
29	20 x 3 =
30	24 x 2 =
31	43 x 2 =
32	32 x 3 =
33	20 x 4 =
34	24 x 2 =
35	12 x 4 =
36	11 x 5 =
37	23 x 3 =
38	42 x 2 =
39	13 x 3 =
40	32 x 2 =

Time Limit : 10 Minutes



High approval company

# Abacus Calculation Basic (×)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

## Review Test ( 2 )

1	$83 \times 9 =$	21	$12 \times 8 =$
2	$64 \times 8 =$	22	$13 \times 7 =$
3	$95 \times 7 =$	23	$24 \times 4 =$
4	$76 \times 6 =$	24	$14 \times 3 =$
5	$53 \times 5 =$	25	$15 \times 5 =$
6	$47 \times 4 =$	26	$16 \times 6 =$
7	$94 \times 3 =$	27	$47 \times 2 =$
8	$69 \times 2 =$	28	$38 \times 3 =$
9	$35 \times 7 =$	29	$19 \times 6 =$
10	$26 \times 6 =$	30	$48 \times 2 =$
11	$62 \times 2 =$	31	$11 \times 8 =$
12	$73 \times 3 =$	32	$22 \times 4 =$
13	$82 \times 4 =$	33	$43 \times 2 =$
14	$91 \times 5 =$	34	$11 \times 5 =$
15	$51 \times 6 =$	35	$11 \times 7 =$
16	$41 \times 7 =$	36	$32 \times 3 =$
17	$31 \times 8 =$	37	$11 \times 9 =$
18	$21 \times 9 =$	38	$34 \times 2 =$
19	$73 \times 3 =$	39	$23 \times 3 =$
20	$32 \times 4 =$	40	$21 \times 4 =$

Time Limit : 10 Minutes

Time Limit : 10 Minutes



# Abacus Calculation Basic (×)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

## 3 digit x 1 digit

1	$825 \times 6 =$	6	$367 \times 8 =$	11	$879 \times 5 =$
2	$437 \times 4 =$	7	$499 \times 3 =$	12	$298 \times 6 =$
3	$763 \times 5 =$	8	$969 \times 2 =$	13	$382 \times 7 =$
4	$877 \times 9 =$	9	$764 \times 3 =$	14	$866 \times 8 =$
5	$862 \times 7 =$	10	$746 \times 4 =$	15	$432 \times 9 =$

16	$666 \times 3 =$	21	$396 \times 4 =$	26	$368 \times 7 =$
17	$589 \times 5 =$	22	$244 \times 6 =$	27	$269 \times 6 =$
18	$278 \times 7 =$	23	$368 \times 8 =$	28	$579 \times 5 =$
19	$784 \times 9 =$	24	$824 \times 9 =$	29	$934 \times 4 =$
20	$968 \times 2 =$	25	$288 \times 8 =$	30	$598 \times 3 =$

31	$959 \times 2 =$	36	$486 \times 5 =$	41	$368 \times 7 =$
32	$878 \times 4 =$	37	$397 \times 7 =$	42	$866 \times 5 =$
33	$763 \times 6 =$	38	$298 \times 9 =$	43	$382 \times 6 =$
34	$634 \times 8 =$	39	$839 \times 8 =$	44	$754 \times 7 =$
35	$545 \times 3 =$	40	$446 \times 3 =$	45	$237 \times 6 =$

Hearing drill



Time

1	$4+9+3+2+5+8+7=$	8	$4+17+5+2+50=$	15	$9+2+8+6+5+7+4=$
2	$1+5+8-9+3+6-7=$	9	$93-8+7-12+5=$	16	$5+62+6+3+81=$
3	$6+7+5+2+4+3+8=$	10	$84+8+60+9+2=$	17	$82-9+6-40+7=$
4	$5-2+7+3-4+1+9=$	11	$8+4+7+3+2+1+5=$	18	$4+97+6+12+5=$
5	$4+9+5+7+8+2+1=$	12	$5+7-2+1+9-4+3=$	19	$8+7+93-1-50=$
6	$86+7+2+59+3=$	13	$8+2+3+7+9+1+6=$	20	$82+5+6+60+3=$
7	$82-5+4-31+9=$	14	$3+7-8+9+5+6-1=$	21	$5+8+40+4+62=$

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# Abacus Calculation Basic (×)



Teacher's note: \_\_\_\_\_

Mark : \_\_\_\_\_

product: 1st >10 2nd >10 3rd <10					
1	731 x 4 =	6	351 x 9 =	11	432 x 4 =
2	761 x 6 =	7	852 x 3 =	12	771 x 5 =
3	750 x 5 =	8	791 x 2 =	13	381 x 6 =
4	361 x 8 =	9	864 x 2 =	14	481 x 7 =
5	671 x 7 =	10	953 x 3 =	15	961 x 8 =

16	391 x 9 =	21	764 x 2 =	26	960 x 3 =
17	440 x 3 =	22	891 x 4 =	27	380 x 9 =
18	871 x 5 =	23	481 x 6 =	28	830 x 4 =
19	671 x 7 =	24	371 x 5 =	29	270 x 6 =
20	391 x 9 =	25	430 x 8 =	30	630 x 7 =

31	983 x 3 =	36	832 x 4 =	41	642 x 4 =
32	751 x 5 =	37	361 x 6 =	42	953 x 2 =
33	491 x 7 =	38	241 x 8 =	43	690 x 9 =
34	581 x 9 =	39	451 x 7 =	44	753 x 2 =
35	694 x 2 =	40	761 x 8 =	45	481 x 9 =

Hearing drill



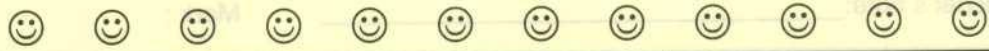
Time

1	1+5+8+7+6+4+3=	8	31+6+3+7+4+9=	15	1+7+4+3+5+8+9=
2	8-2+1+9-4+7+6=	9	9+8+4-2-6+7=	16	95+6+6+4+8+2=
3	4+5+9+7+6+1+2=	10	1+9+7+3+7+5=	17	80-3+1+6-2+4=
4	8+1-4+3+2+5-6=	11	6+1+4+3+2+5+9=	18	2+3+7+1+9+4+4=
5	7+3+9+1+6+8+2=	12	2+5-6+7+9+3-4=	19	7-6+8+4+5-2+0=
6	1+7+6+9+6+4+2=	13	3+7+8+6+1+5+2=	20	95+4+7+3+6+1=
7	5+8+6+4-3-2+0=	14	8-2+6+4+7-1+9=	21	5+4+8+4+6+0+3=

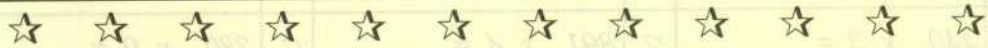
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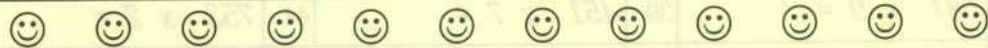
## TIMES TABLES REVIEW



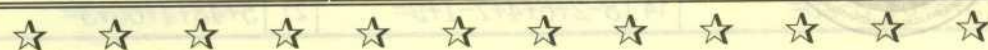
1 X 0 = 0	2 X 0 = 0	3 X 0 = 0
1 X 1 = 01	2 X 1 = 02	3 X 1 = 03
1 X 2 = 02	2 X 2 = 04	3 X 2 = 06
1 X 3 = 03	2 X 3 = 06	3 X 3 = 09
1 X 4 = 04	2 X 4 = 08	3 X 4 = 12
1 X 5 = 05	2 X 5 = 10	3 X 5 = 15
1 X 6 = 06	2 X 6 = 12	3 X 6 = 18
1 X 7 = 07	2 X 7 = 14	3 X 7 = 21
1 X 8 = 08	2 X 8 = 16	3 X 8 = 24
1 X 9 = 09	2 X 9 = 18	3 X 9 = 27



4 X 0 = 0	5 X 0 = 0	6 X 0 = 0
4 X 1 = 04	5 X 1 = 05	6 X 1 = 06
4 X 2 = 08	5 X 2 = 10	6 X 2 = 12
4 X 3 = 12	5 X 3 = 15	6 X 3 = 18
4 X 4 = 16	5 X 4 = 20	6 X 4 = 24
4 X 5 = 20	5 X 5 = 25	6 X 5 = 30
4 X 6 = 24	5 X 6 = 30	6 X 6 = 36
4 X 7 = 28	5 X 7 = 35	6 X 7 = 42
4 X 8 = 32	5 X 8 = 40	6 X 8 = 48
4 X 9 = 36	5 X 9 = 45	6 X 9 = 54



7 X 0 = 0	8 X 0 = 0	9 X 0 = 0
7 X 1 = 07	8 X 1 = 08	9 X 1 = 09
7 X 2 = 14	8 X 2 = 16	9 X 2 = 18
7 X 3 = 21	8 X 3 = 24	9 X 3 = 27
7 X 4 = 28	8 X 4 = 32	9 X 4 = 36
7 X 5 = 35	8 X 5 = 40	9 X 5 = 45
7 X 6 = 42	8 X 6 = 48	9 X 6 = 54
7 X 7 = 49	8 X 7 = 56	9 X 7 = 63
7 X 8 = 56	8 X 8 = 64	9 X 8 = 72
7 X 9 = 63	8 X 9 = 72	9 X 9 = 81



# CLASS: 7 MENTAL CALCULATION (+, -) MOCK EXAM



STUDENT'S NAME: \_\_\_\_\_ TIME LIMIT: 3 MINUTES MARK: \_\_\_\_\_

No.	1	2	3	4	5
1	9	9	8	2	9
2	6	-4	3	6	1
3	2	5	2	-7	2
4	3	1	6	8	3
5	7	2	7	9	4
6	4	-6	4	-1	5
7	5	8	9	5	7
Ans					
1st chk					
2nd chk					

No.	6	7	8	9	10
1	1	4	13	41	6
2	2	92	7	7	52
3	58	8	1	-23	8
4	4	-6	86	-9	4
5	37	-70	4	6	20
Ans					
1st chk					
2nd chk					



Smart Kids

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# CLASS: 7 MENTAL CALCULATION (+, -) MOCK EXAM



STUDENT'S NAME: \_\_\_\_\_ TIME LIMIT: 3 MINUTES MARK: \_\_\_\_\_

No.	1	2	3	4	5
1	2	6	6	4	9
2	6	-5	1	5	6
3	7	2	9	-2	2
4	9	7	4	8	8
5	1	-8	3	-7	7
6	8	4	2	6	1
7	5	9	7	3	5
Ans					
1st chk					
2nd chk					

No.	6	7	8	9	10
1	2	7	71	68	60
2	6	41	8	-4	7
3	65	-9	7	3	84
4	8	-25	39	-12	6
5	47	3	5	4	2
Ans					
1st chk					
2nd chk					