

## Abacus

A	B	C	D	E	F	G	H	I	J
65	75	84	61	82	92	82	89	23	63
181	154	148	193	337	68	112	229	162	196

## Mental

A	B	C	D	E	F	G	H	I	J
6	9	8	9	7	9	9	5	6	8
23	60	31	30	45	20	63	17	36	16

**Abacus**

A				
A	1	X	2	2
B		X		4
C		X		6
D		X		8
E		X		10
F		X		12
G		X		14
H		X		16
I		X		18
J		X		4
K		X		12
L		X		18
M		X		6
N		X		10
O		X		16

**Abacus**

B				
A	7	X	2	14
B		X		8
C		X		2
D		X		18
E		X		12
F		X		0
G		X		6
H		X		10
I		X		4
J		X		8
K		X		14
L		X		2
M		X		18
N		X		12
O		X		10

**Abacus**

C				
A	4	X	2	8
B		X		16
C		X		12
D		X		8
E		X		18
F		X		10
G		X		18
H		X		14
I		X		6
J		X		4
K		X		12
L		X		2
M		X		10
N		X		0
O		X		16

**Abacus**

D				
A	4	X	2	8
B		X		16
C		X		10
D		X		14
E		X		6
F		X		18
G		X		12
H		X		2
I		X		8
J		X		18
K		X		4
L		X		14
M		X		16
N		X		8
O		X		12

## Abacus

A	B	C	D	E	F	G	H	I	J
67	32	81	23	38	99	71	44	39	62
305	110	292	177	96	301	83	230	155	192

## Mental

A	B	C	D	E	F	G	H	I	J
6	9	5	4	8	4	6	7	3	5
27	31	9	16	37	34	13	44	24	21

## Abacus

A	B	C	D	E	F	G	H	I	J
27	49	86	61	88	69	38	93	65	78
194	332	226	245	193	263	267	279	115	148

## Mental

A	B	C	D	E	F	G	H	I	J
7	5	7	3	8	7	8	8	7	6
25	35	38	6	30	37	37	37	21	24

## Abacus

A	B	C	D	E	F	G	H	I	J
54	87	59	47	78	54	63	21	49	46
100	195	226	279	302	231	0	112	46	241

## Mental

A	B	C	D	E	F	G	H	I	J
8	7	2	8	1	7	3	4	3	6
28	24	13	14	26	10	6	37	34	38

## Abacus

A	B	C	D	E	F	G	H	I	J
34	48	84	95	49	47	88	57	43	25
190	333	134	474	214	138	349	336	278	296

## Mental

A	B	C	D	E	F	G	H	I	J
5	4	6	9	1	7	8	3	6	4
19	11	33	28	10	39	10	13	16	22

## Abacus

A	B	C	D	E	F	G	H	I	J
86	30	28	75	28	35	94	73	46	43
183	340	265	372	256	268	147	154	263	273

## Mental

A	B	C	D	E	F	G	H	I	J
5	2	2	6	2	3	2	2	9	2
41	23	21	42	21	32	26	12	6	11

## Abacus

A	B	C	D	E	F	G	H	I	J
57	86	52	27	77	51	53	26	56	85
323	271	194	193	113	249	251	45	64	236

## Mental

A	B	C	D	E	F	G	H	I	J
6	2	6	6	1	2	6	4	7	7
13	19	26	8	26	15	16	20	10	45



## Abacus

A	B	C	D	E	F	G	H	I	J
64	68	41	87	13	92	76	66	18	99
251	157	233	244	150	145	246	209	243	227

## Abacus

A	B	C	D	E	F	G	H	I	J
45	39	35	25	58	63	48	91	26	24
156	328	293	88	316	336	140	252	136	231

**Q. A zoo has 6 Elephants, 7 Rhinos, 3 Tigers and 8 Deer. How many animals are there in the zoo?**

**Answer : 24 animals altogether.**

**Q. Jimmy's dad gave him 91 cents. He spent 66 cents. How much money does he have left?**

**Answer : 25 cents**

# Abacus

A				
A	93	X	2	186
B		X		24
C		X		148
D		X		32
E		X		174
F		X		50
G		X		130
H		X		38
I		X		144
J		X		88

B				
A	90	X	2	180
B		X		122
C		X		60
D		X		138
E		X		108
F		X		34
G		X		166
H		X		90
I		X		76
J		X		74

C				
A	36	X	2	72
B		X		140
C		X		170
D		X		40
E		X		110
F		X		150
G		X		80
H		X		172
I		X		102
J		X		94

D				
A	39	X	2	78
B		X		106
C		X		194
D		X		162
E		X		118
F		X		168
G		X		122
H		X		20
I		X		134
J		X		176

# Mental

A	B	C	D	E	F	G	H	I	J
7	7	63	47	3	2	6	72	2	2
64	84	49	45	68	28	69	57	51	52

A	B	C	D	E	F	G	H	I	J
72	28	7	75	74	36	7	6	1	9
28	46	33	87	9	17	55	35	38	57

A	B	C	D	E	F	G	H	I	J
7	43	3	2	85	58	68	6	75	56
37	33	77	45	84	92	50	23	29	44

## Abacus

A	B	C	D	E	F	G	H	I	J
85	26	42	99	89	64	74	82	89	74
275	143	268	188	255	235	164	306	311	328

A	B	C	D	E	F	G	H	I	J
63	57	27	36	28	63	19	36	32	46
130	154	136	203	213	67	318	146	249	242

Q. Bill visits the pet shop. He sees 26 kittens there. He observes that 8 are black and 13 are brown. How many kittens are neither black nor brown?

Answer :  $8 + 13 = 21$  total number of kittens  $26 - 21 = 5$

Q. A farmer has 31 apple trees, 14 plum trees and 18 orange trees. How many trees are there altogether?

Answer :  $31 + 14 + 18 = 63$  trees altogether.

## Mental

A	B	C	D	E	F	G	H	I	J
73	7	75	7	8	82	5	42	73	7
50	52	63	76	51	67	38	47	78	75

A	B	C	D	E	F	G	H	I	J
72	6	47	4	24	74	48	63	72	24
25	27	75	89	65	34	76	78	90	52

A	B	C	D	E	F	G	H	I	J
79	35	74	37	3	85	6	25	3	2
53	67	37	57	53	34	68	61	91	55

# Abacus

A	B	C	D	E	F	G	H	I	J
34	24	87	49	28	76	44	82	94	66
223	211	256	196	350	297	306	180	268	144

A	B	C	D	E	F	G	H	I	J
77	35	92	83	79	37	13	32	93	86
267	183	177	240	251	130	147	160	152	304

Q. Natalia bought 5 dolls for \$ 5 each. She had \$ 32 in her purse. How many dollars are left in her purse?

Answer:  $5 \times 5 = 25$ .  $32 - 25 = 7$ . She has 7 dollars left in her purse.

Q. Debbie has two dolls. The first doll is 34 inches tall and the second doll is 18 inches tall. Which doll is the tallest and by how many inches?

Answer:  $34 - 18 = 16$ . The first doll is 16 inches taller than the second doll

# Mental

A	B	C	D	E	F	G	H	I	J
74	7	64	3	35	53	5	3	3	63
70	50	53	56	49	41	55	55	57	72

A	B	C	D	E	F	G	H	I	J
64	72	46	36	64	36	3	57	2	43
45	15	20	65	47	49	14	83	68	27

A	B	C	D	E	F	G	H	I	J
62	82	37	53	5	5	47	73	74	23
63	34	24	76	74	57	40	59	39	70

## Abacus

A	B	C	D	E	F	G	H	I	J
14	51	72	57	73	18	26	83	91	25
194	279	227	48	93	58	110	179	319	109

A	B	C	D	E	F	G	H	I	J
82	96	28	95	78	26	66	91	25	25
228	201	248	184	241	39	287	270	108	107

Q. There are 2 times more girls than boys in the school bus. If there are 7 boys in the school bus. How many boys and girls are there altogether?

Answer:  $7 \times 2 = 14$ .  $14$  girls +  $7$  boys =  $21$  boys and girls together.

Q. Everyday Kyler exercises 4 minutes in the morning and 4 minutes in the evening. How many minutes does he exercise in 2 days?

Answer:  $4 + 4 = 8$ .  $8 \times 2 = 16$ . He exercises 16 minutes in 2 days.



## Abacus

A	B	C	D	E	F	G	H	I	J
86	56	54	25	75	49	63	34	85	48
173	122	190	225	156	126	104	121	228	211

## Abacus

A	B	C	D	E	F	G	H	I	J
41	16	69	58	62	78	56	36	37	89
244	182	163	183	242	240	143	195	256	181

# Abacus

A					
A	48	X	2	=	96
B		X		=	216
C		X		=	118
D		X		=	144
E		X		=	225
F		X		=	96
G		X		=	78
H		X		=	78
I		X		=	122
J		X		=	207

B					
A	74	X	2	=	148
B		X		=	118
C		X		=	237
D		X		=	264
E		X		=	196
F		X		=	276
G		X		=	192
H		X		=	122
I		X		=	213
J		X		=	252

C					
A	66	X	3	=	198
B		X		=	154
C		X		=	98
D		X		=	112
E		X		=	123
F		X		=	186
G		X		=	255
H		X		=	258
I		X		=	165
J		X		=	104

D					
A	31	X	3	=	93
B		X		=	72
C		X		=	54
D		X		=	66
E		X		=	38
F		X		=	32
G		X		=	111
H		X		=	99
I		X		=	80
J		X		=	60

## Mental

A	B	C	D	E	F	G	H	I	J
37	27	58	5	6	74	72	7	9	47
50	101	60	60	79	85	64	69	72	31

A	B	C	D	E	F	G	H	I	J
82	8	2	7	84	8	85	7	67	6
24	27	50	72	48	71	61	92	30	64

A	B	C	D	E	F	G	H	I	J
63	8	3	26	23	8	28	81	7	74
33	91	103	88	76	80	88	33	55	68

# Mental

A	B	C	D	E	F	G	H	I	J
73	81	7	67	6	56	82	45	6	72
49	31	68	85	79	21	33	79	95	81

A	B	C	D	E	F	G	H	I	J
63	73	36	83	5	8	8	25	14	83
35	50	82	21	99	94	97	69	85	22

A	B	C	D	E	F	G	H	I	J
7	72	5	52	5	7	79	9	47	68
99	78	70	69	59	99	80	74	43	46

# Abacus

A					
A	49	X	2	=	98
B		X		=	92
C		X		=	123
D		X		=	219
E		X		=	148
F		X		=	158
G		X		=	114
H		X		=	177
I		X		=	252
J		X		=	166

B					
A	86	X	3	=	258
B		X		=	58
C		X		=	81
D		X		=	50
E		X		=	28
F		X		=	48
G		X		=	102
H		X		=	111
I		X		=	78
J		X		=	189

C					
A	69	X	2	=	138
B		X		=	195
C		X		=	276
D		X		=	288
E		X		=	196
F		X		=	54
G		X		=	164
H		X		=	124
I		X		=	69
J		X		=	34

D					
A	14	X	3	=	42
B		X		=	57
C		X		=	114
D		X		=	72
E		X		=	219
F		X		=	88
G		X		=	116
H		X		=	279
I		X		=	204
J		X		=	144

## Abacus

A	B	C	D	E	F	G	H	I	J
88	48	84	63	35	88	58	65	98	45
276	286	374	238	154	258	315	228	395	244

## Abacus

A	B	C	D	E	F	G	H	I	J
47	46	80	98	44	72	37	70	37	67
318	218	376	196	203	301	372	215	185	331

## Abacus

A	B	C	D	E	F	G	H	I	J
72	32	10	65	57	25	89	36	58	47
116	69	156	201	186	211	356	270	131	220

## Abacus

A	B	C	D	E	F	G	H	I	J
89	67	86	85	69	82	73	54	84	45
337	279	391	203	98	169	186	123	213	177

## Mental

A	B	C	D	E	F	G	H	I	J
82	2	26	16	46	31	27	63	14	52
39	86	72	65	78	44	73	44	69	34

A	B	C	D	E	F	G	H	I	J
32	24	4	73	63	74	46	32	60	53
85	65	98	41	25	61	83	25	17	76

A	B	C	D	E	F	G	H	I	J
25	51	62	6	48	6	41	59	29	41
69	36	29	82	86	69	27	58	66	44



## Mental

A	B	C	D	E	F	G	H	I	J
92	63	36	57	50	82	81	69	72	41
25	32	93	106	39	46	68	82	62	54

A	B	C	D	E	F	G	H	I	J
22	18	58	56	89	79	99	69	74	42
100	91	93	80	81	75	91	62	84	56

A	B	C	D	E	F	G	H	I	J
28	61	47	96	63	74	84	74	58	29
105	110	90	100	38	49	42	65	100	83

# Abacus

A					
A	1	X	5	=	5
B		X		=	10
C		X		=	15
D		X		=	20
E		X		=	25
F		X		=	30
G		X		=	35
H		X		=	40
I		X		=	45
J		X		=	0
K		X		=	30
L		X		=	10
M		X		=	45
N		X		=	25
O		X		=	20

B					
A	1	X	5	=	5
B		X		=	15
C		X		=	35
D		X		=	25
E		X		=	45
F		X		=	30
G		X		=	20
H		X		=	40
I		X		=	10
J		X		=	35
K		X		=	25
L		X		=	5
M		X		=	45
N		X		=	15
O		X		=	20

C					
A	4	X	5	=	20
B		X		=	5
C		X		=	25
D		X		=	35
E		X		=	10
F		X		=	40
G		X		=	30
H		X		=	45
I		X		=	0
J		X		=	25
K		X		=	20
L		X		=	45
M		X		=	40
N		X		=	5
O		X		=	10

D					
A	3	X	5	=	15
B		X		=	35
C		X		=	45
D		X		=	30
E		X		=	25
F		X		=	40
G		X		=	15
H		X		=	20
I		X		=	30
J		X		=	0
K		X		=	35
L		X		=	10
M		X		=	35
N		X		=	10
O		X		=	35

## Abacus

A	B	C	D	E	F	G	H	I	J
47	47	36	72	87	96	46	29	98	73
142	145	139	186	210	88	177	97	369	113

## Abacus

A	B	C	D	E	F	G	H	I	J
26	28	67	158	478	79	23	82	489	749
351	738	398	106	614	466	562	810	610	745

## Abacus

A	B	C	D	E	F	G	H	I	J
83	99	39	82	64	86	82	66	49	47
199	188	225	246	101	105	119	206	145	148

## Abacus

A	B	C	D	E	F	G	H	I	J
3	7	49	72	47	734	285	748	68	457
411	355	479	536	591	708	411	718	465	424

## Mental

A	B	C	D	E	F	G	H	I	J
71	48	41	75	85	73	68	25	27	63
56	59	11	43	97	98	30	74	78	99

A	B	C	D	E	F	G	H	I	J
15	73	19	72	19	62	83	16	17	83
70	86	84	80	50	73	29	50	51	91

A	B	C	D	E	F	G	H	I	J
47	23	82	26	21	87	63	72	93	88
97	84	97	128	69	100	49	58	72	98

## Abacus

A	B	C	D	E	F	G	H	I	J
86	82	72	11	88	47	92	35	38	37
27	143	191	131	169	197	209	260	202	8

## Abacus

A	B	C	D	E	F	G	H	I	J
37	478	924	483	438	753	447	436	45	3
789	440	1008	556	540	755	469	501	427	552

## Mental

A	B	C	D	E	F	G	H	I	J
72	74	88	43	21	23	62	21	32	41
86	64	75	91	70	71	80	75	100	86

A	B	C	D	E	F	G	H	I	J
28	52	62	63	27	83	37	73	92	19
55	89	44	69	89	25	36	37	53	103

A	B	C	D	E	F	G	H	I	J
27	83	73	19	16	38	14	38	45	67
85	85	46	99	67	47	97	39	19	26

## Abacus

A	B	C	D	E	F	G	H	I	J
74	63	43	36	54	67	28	78	18	54
26	241	114	75	334	196	101	228	166	325

## Abacus

A	B	C	D	E	F	G	H	I	J
748	95	46	367	648	43	549	473	54	564
872	402	663	508	512	403	646	376	776	647



## Abacus

A	B	C	D	E	F	G	H	I	J
824	2	54	5	71	6	28	4	7	712
340	767	907	488	1066	851	1052	654	703	316

## Abacus

A	B	C	D	E	F	G	H	I	J
27	57	947	375	532	521	49	4	84	58
197	804	545	399	430	357	687	743	327	122

## Mental

A	B	C	D	E	F	G	H	I	J
86	78	82	83	15	22	67	34	98	59
118	24	34	95	28	89	43	70	43	70

A	B	C	D	E	F	G	H	I	J
23	92	38	75	84	89	49	74	15	26
30	17	99	80	87	72	69	62	45	79

A	B	C	D	E	F	G	H	I	J
25	46	24	55	36	29	38	87	56	43
54	68	36	90	48	96	85	99	84	97

## Abacus

A	B	C	D	E	F	G	H	I	J
619	4	683	999	379	26	71	62	6	390
726	447	1004	271	1032	741	350	482	266	1111

## Abacus

A	B	C	D	E	F	G	H	I	J
679	83	830	730	71	39	7	52	7	679
1688	459	513	211	650	648	357	1616	527	349

## Abacus

A	B	C	D	E	F	G	H	I	J
421	874	51	268	270	587	7	32	387	26
178	733	349	887	431	1297	211	360	1081	332

## Abacus

A	B	C	D	E	F	G	H	I	J
82	926	236	476	6	65	5	73	237	2
289	136	976	283	569	577	950	1216	871	1235

## Mental

A	B	C	D	E	F	G	H	I	J
47	16	25	28	95	93	74	46	61	86
86	93	94	12	58	68	13	92	43	90

A	B	C	D	E	F	G	H	I	J
28	53	69	48	52	24	38	84	64	47
40	45	70	90	62	85	76	92	86	81

A	B	C	D	E	F	G	H	I	J
28	73	19	29	39	76	19	77	19	88
76	26	48	63	61	58	53	79	25	72

# Abacus

A	B	C	D	E	F	G	H	I	J
26	614	6	51	2	6	83	148	72	5
532	126	1026	1072	224	304	593	376	380	921

A	B	C	D	E	F	G	H	I	J
26	789	4	639	521	318	803	4	412	6
815	998	794	355	237	1047	1083	311	737	1437

# Mental

A	B	C	D	E	F	G	H	I	J
66	34	37	96	79	85	89	45	84	94
81	60	78	77	75	96	56	84	99	99

A	B	C	D	E	F	G	H	I	J
45	64	12	56	57	76	79	82	97	78
88	68	58	9	73	78	72	62	68	23

A	B	C	D	E	F	G	H	I	J
93	81	74	97	91	28	33	52	72	26
84	70	87	89	77	92	80	91	69	94

# Abacus

A	B	C	D	E	F	G	H	I	J
7	7	640	450	825	579	159	78	27	269
367	1001	152	764	484	1502	737	1003	651	896

A	B	C	D	E	F	G	H	I	J
4	80	51	7	2	999	639	76	842	831
528	993	921	1557	1430	686	237	985	387	358



# Abacus

A	B	C	D	E	F	G	H	I	J
659	428	251	426	360	659	369	925	539	639
1228	712	1176	651	349	998	538	151	446	495

A	B	C	D	E	F	G	H	I	J
629	528	946	724	836	245	256	579	628	518
839	1023	109	1182	88	1134	339	427	84	183

**Q. A Bucket is full of small softballs. There are 8 green balls, 9 white balls, 11 red balls and 14 yellow balls. How many balls are there together?**

**Answer :**  $8 + 9 + 11 + 14 = 42$  balls

**Q Joe borrowed 17 books from the library. He returned 4 books yesterday and 6 books today. How many books does he still have?**

**Answer :**  $17 - 4 - 6 = 7$ . He still has seven books with him.

## Mental

A	B	C	D	E	F	G	H	I	J
73	94	91	87	73	93	65	91	42	58
51	58	109	80	89	72	39	62	88	87

A	B	C	D	E	F	G	H	I	J
56	87	76	93	95	42	78	72	97	98
105	72	65	22	61	14	88	51	71	53

A	B	C	D	E	F	G	H	I	J
26	61	54	46	64	72	71	49	67	18
104	43	43	87	78	68	61	69	87	84

## Abacus

A	B	C	D	E	F	G	H	I	J
478	732	839	692	758	825	836	628	737	692
943	368	456	415	1242	1494	1517	934	196	497

A	B	C	D	E	F	G	H	I	J
830	570	619	660	821	275	175	600	492	830
1247	1071	188	572	994	799	335	601	773	996

**Q. Mrs. Ming had 48 glasses. Last evening 9 glasses broke. This evening she bought 13 more glasses. How many glasses does she now have altogether?**

**Answer :**  $48 - 9 = 39$ .  $39 + 13 = 52$ . She has 52 glasses.

**Q Alex has 45 minutes to do his homework. He spent 25 minutes on English and 15 minutes on science. How many minutes remain to do his homework?**

**Answer :**  $25 + 15 = 40$  ,  $45 - 40 = 5$  minutes remain to do his homework.

## Abacus

A	B	C	D	E	F	G	H	I	J
529	632	759	175	414	269	639	917	836	743
477	626	722	826	438	1111	860	154	1169	694

A	B	C	D	E	F	G	H	I	J
703	285	759	390	743	361	823	825	526	215
707	540	2001	278	384	251	832	259	107	1055

**Q. Barbara had 38 books. She decided to give 8 books to each of her 3 friends. How many books does Barbara have left?**

**Ans:  $8 \times 3 = 24$ .  $38 - 24 = 14$ . She has 14 books left.**

**Q. Ana has \$ 73 in her pocket. She wants to buy 2 movie tickets. Each ticket costs \$ 9 . How much money will ana have left over if she bought 2 movie tickets?**

**Ans:  $9 \times 2 = 18$ .  $73 - 18 = 55$ . She has 55 dollars left over.**

## Mental

A	B	C	D	E	F	G	H	I	J
26	63	82	63	84	64	27	63	73	64
56	110	93	38	73	124	111	49	22	15

A	B	C	D	E	F	G	H	I	J
28	63	63	99	36	37	47	72	27	73
75	122	73	30	87	96	96	111	76	64

A	B	C	D	E	F	G	H	I	J
61	25	72	38	84	78	73	83	83	79
97	35	68	82	81	29	19	82	116	53

## Abacus

A	B	C	D	E	F	G	H	I	J
548	392	850	740	389	946	479	720	725	231
447	792	689	429	167	368	199	752	149	975

A	B	C	D	E	F	G	H	I	J
945	694	740	759	729	675	518	915	893	847
2298	932	617	1473	403	224	986	1710	2122	1188

**Q. Hope is getting ready for a vocabulary contest. She learns 12 new words each day. How many word does she learn in 2 days, 3 days and 5 days?**

**Answer :**  $12 \times 2\text{days} = 24$ ,  $12 \times 3\text{days} = 36$  words ad  $12 \times 5\text{days} = 60$  words.

**Q. Ann can solve riddles very fast. She can solve 3 riddles in 1 minute. How many riddles can she solve in 13 minutes?**

**Answer :**  $13 \times 3 = 39$ . She can solve 39 riddles in 13 minutes