

# Mental

A	B	C	D	E	F	G	H	I	J
7	4	28	64	26	6	2	4	75	5
56	55	26	46	48	74	29	33	66	78

A	B	C	D	E	F	G	H	I	J
49	99	72	6	58	4	9	19	61	48
25	41	81	82	11	18	63	28	86	15

A	B	C	D	E	F	G	H	I	J
34	7	62	74	24	84	35	19	26	38
71	66	74	81	67	46	51	50	72	90

# Abacus

A				
A	15	X	2	30
B		X		98
C		X		134
D		X		178
E		X		194
F		X		28
G		X		144
H		X		46
I		X		198
J		X		58

B				
A	56	X	2	112
B		X		36
C		X		154
D		X		30
E		X		90
F		X		122
G		X		138
H		X		82
I		X		120
J		X		92

C				
A	82	X	2	164
B		X		192
C		X		68
D		X		136
E		X		34
F		X		94
G		X		160
H		X		128
I		X		50
J		X		118

D				
A	22	X	2	44
B		X		168
C		X		126
D		X		102
E		X		112
F		X		76
G		X		196
H		X		148
I		X		184
J		X		38

**Abacus**

A					
A	1	X	3	=	3
B		X			6
C		X			9
D		X			12
E		X			15
F		X			18
G		X			21
H		X			24
I		X			27
J		X			6
K		X			18
L		X			27
M		X			9
N		X			15
O		X			24

**Abacus**

B					
A	7	X	3	=	21
B		X			12
C		X			3
D		X			27
E		X			18
F		X			0
G		X			9
H		X			15
I		X			6
J		X			12
K		X			21
L		X			3
M		X			27
N		X			18
O		X			15

**Abacus**

C					
A	4	X	3	=	12
B		X			24
C		X			18
D		X			12
E		X			27
F		X			15
G		X			27
H		X			21
I		X			9
J		X			6
K		X			18
L		X			3
M		X			15
N		X			0
O		X			24

**Abacus**

D				
A	4	X	3	12
B		X		24
C		X		15
D		X		21
E		X		9
F		X		27
G		X		18
H		X		3
I		X		12
J		X		27
K		X		6
L		X		21
M		X		24
N		X		12
O		X		18

# Mental

A	B	C	D	E	F	G	H	I	J
73	5	4	7	36	6	81	51	6	67
68	41	52	30	55	36	77	66	43	63

A	B	C	D	E	F	G	H	I	J
62	82	68	4	10	23	40	37	49	64
77	12	88	90	80	65	51	75	30	22

A	B	C	D	E	F	G	H	I	J
89	72	53	58	84	59	85	72	37	63
88	41	76	94	14	80	30	32	78	75

## Abacus

A	B	C	D	E	F	G	H	I	J
65	88	92	98	78	67	72	97	52	76
135	253	300	310	125	293	149	60	84	273

A	B	C	D	E	F	G	H	I	J
36	82	43	31	11	37	64	67	45	46
135	149	112	299	307	312	97	264	324	222

Q. Stacy collects small stuffed animals. She has 12 dogs, 4 goats, 6 pigs and 8 cats. How many stuffed animals does she have?

Answer:  $12 + 4 + 6 + 8 = 30$

Q. Michelle had 100 marbles in her backpack. She lost 9 marbles on her way home. How many marbles were left?

Answer:  $100 - 9 = 91$

## Mental

A	B	C	D	E	F	G	H	I	J
47	73	26	5	6	7	89	56	5	63
62	94	15	54	43	37	85	54	33	86

A	B	C	D	E	F	G	H	I	J
82	71	36	29	63	84	92	17	55	68
32	89	87	48	92	22	60	76	11	51

A	B	C	D	E	F	G	H	I	J
72	53	87	63	6	7	74	52	5	21
13	66	46	12	66	75	49	59	96	55

## Abacus

A	B	C	D	E	F	G	H	I	J
69	88	78	84	46	72	36	98	57	96
213	206	158	225	223	96	98	58	206	70

A	B	C	D	E	F	G	H	I	J
56	79	52	34	73	19	39	47	50	70
139	427	170	93	88	154	246	149	177	239

**Q. A fish tank has 13 large fish, 7 medium size fish and 12 small fish. How many fish are there altogether?**

**Answer:  $13 + 7 + 12 = 32$**

**Q. A toy factory makes 64 toy buses each day. Of these, 9 are defective. How many toy buses are not defective?**

**Answer:  $64 - 9 = 55$**

# Mental

A	B	C	D	E	F	G	H	I	J
4	8	72	9	1	53	6	7	2	9
53	86	68	71	82	59	82	39	42	75

A	B	C	D	E	F	G	H	I	J
29	39	7	83	85	61	8	62	54	36
51	83	94	42	51	53	89	91	73	89

A	B	C	D	E	F	G	H	I	J
62	85	3	7	46	5	7	73	7	73
54	98	45	65	43	38	69	71	48	56



# Abacus

A					
A	50	X	3	=	150
B		X			258
C		X			147
D		X			201
E		X			186
F		X			267
G		X			66
H		X			51
I		X			105
J		X			279

B					
A	26	X	3	=	78
B		X			228
C		X			180
D		X			39
E		X			144
F		X			159
G		X			213
H		X			255
I		X			45
J		X			234

C					
A	27	X	3	=	81
B		X			117
C		X			291
D		X			174
E		X			141
F		X			60
G		X			243
H		X			282
I		X			72
J		X			48

D					
A	70	X	3	=	210
B		X			87
C		X			231
D		X			162
E		X			177
F		X			207
G		X			222
H		X			147
I		X			126
J		X			267

# Mental

A	B	C	D	E	F	G	H	I	J
92	7	6	7	63	7	83	23	83	5
76	40	50	65	55	55	62	14	63	26

A	B	C	D	E	F	G	H	I	J
71	91	8	53	47	4	75	53	82	48
47	34	84	69	62	68	96	68	39	78

A	B	C	D	E	F	G	H	I	J
81	58	72	7	5	5	7	62	53	5
56	23	14	48	70	68	20	31	22	78

## Abacus

A	B	C	D	E	F	G	H	I	J
32	53	74	55	22	63	38	92	74	63
325	162	366	213	201	265	151	101	179	107

A	B	C	D	E	F	G	H	I	J
28	39	38	81	49	89	92	56	56	74
309	94	178	327	160	165	354	168	82	237

Q. There are 3 paintings in each room of an art gallery. If the art gallery has 8 rooms, how many paintings are there in its collection?

Answer :  $8 \times 3 = 24$ . There are 24 paintings in the art gallery's collection.

Q. Alex tied 28 balloons on a tree. 19 balloons popped. How many balloons were left on the tree?

Answer :  $28 - 19 = 9$

# Abacus

A					
A	16	X	3	=	48
B		X			183
C		X			252
D		X			141
E		X			81
F		X			114
G		X			177
H		X			126
I		X			276
J		X			225

B					
A	86	X	3	=	258
B					231
C					186
D					243
E					177
F					117
G					72
H					240
I					237
J					75

C					
A	13	X	3	=	39
B		X			54
C		X			279
D		X			192
E		X			213
F		X			207
G		X			297
H		X			147
I		X			99
J		X			114

D					
A	91	X	3	=	273
B		X			201
C		X			111
D		X			138
E		X			279
F		X			90
G		X			153
H		X			231
I		X			180
J		X			297

## Mental

A	B	C	D	E	F	G	H	I	J
18	1	47	5	7	73	9	8	73	84
34	70	38	41	48	59	44	32	60	76

A	B	C	D	E	F	G	H	I	J
73	82	27	82	48	38	6	82	27	73
41	26	61	35	63	65	65	24	65	19

A	B	C	D	E	F	G	H	I	J
72	52	75	28	53	63	72	7	73	38
43	37	26	34	60	69	102	80	55	63

# Abacus

A	B	C	D	E	F	G	H	I	J
36	28	84	64	62	92	72	72	71	82
294	183	201	198	158	217	302	163	127	404

A	B	C	D	E	F	G	H	I	J
72	61	91	71	49	71	28	51	91	66
236	190	227	320	112	120	212	257	210	161

# Abacus

A	B	C	D	E	F	G	H	I	J
73	87	38	58	89	98	41	63	70	26
197	299	231	159	254	178	158	216	251	156

A	B	C	D	E	F	G	H	I	J
72	28	79	81	88	50	97	65	67	51
213	195	94	159	116	397	233	178	253	149

# Mental

A	B	C	D	E	F	G	H	I	J
29	7	73	7	29	7	19	39	5	5
33	54	63	69	44	44	34	47	27	50

A	B	C	D	E	F	G	H	I	J
72	63	8	5	8	76	7	57	91	83
9	77	42	82	17	33	13	42	34	29

A	B	C	D	E	F	G	H	I	J
67	72	28	72	41	58	48	6	58	2
32	91	63	88	83	103	54	21	91	79



# Abacus

A	B	C	D	E	F	G	H	I	J
71	88	76	31	54	63	45	13	92	35
219	154	80	148	117	205	177	190	198	174

A	B	C	D	E	F	G	H	I	J
9	476	65	47	73	64	8	95	36	47
198	474	289	576	514	358	621	503	606	587

## Mental

A	B	C	D	E	F	G	H	I	J
53	82	27	41	19	49	99	28	37	24
85	85	82	49	35	12	87	87	75	93

A	B	C	D	E	F	G	H	I	J
82	21	42	25	33	16	52	44	23	32
78	33	34	38	44	32	69	30	105	61

A	B	C	D	E	F	G	H	I	J
12	54	41	52	17	27	41	73	56	47
16	40	91	116	96	77	5	95	97	14

# Abacus

A	B	C	D	E	F	G	H	I	J
49	33	72	45	96	13	14	72	16	32
66	124	255	77	194	143	159	98	170	164

A	B	C	D	E	F	G	H	I	J
2	49	57	3	84	8	928	858	93	32
690	367	580	620	522	628	599	862	477	511

# Mental

A	B	C	D	E	F	G	H	I	J
52	47	62	8	39	7	7	4	27	38
26	84	55	108	83	94	82	45	70	79

A	B	C	D	E	F	G	H	I	J
41	19	52	36	62	28	71	25	61	23
66	59	81	89	54	54	73	73	75	73

A	B	C	D	E	F	G	H	I	J
51	2	19	52	3	72	27	7	26	15
33	93	45	29	90	61	60	57	61	92

# Abacus

A	B	C	D	E	F	G	H	I	J
63	46	26	99	64	43	56	91	57	18
134	127	97	259	155	43	236	120	122	175

A	B	C	D	E	F	G	H	I	J
48	85	437	843	37	64	523	238	48	26
881	744	325	842	395	756	463	353	518	593

# Mental

A	B	C	D	E	F	G	H	I	J
62	37	32	25	73	85	28	93	27	82
83	52	60	65	32	84	75	67	69	61

A	B	C	D	E	F	G	H	I	J
73	62	25	36	73	7	83	8	71	52
33	47	66	82	34	56	64	100	62	84

A	B	C	D	E	F	G	H	I	J
49	38	81	63	6	52	5	73	7	25
43	75	39	56	69	82	27	64	37	83

# Abacus

A	B	C	D	E	F	G	H	I	J
72	81	62	99	73	28	79	94	26	53
253	168	216	227	213	222	196	190	67	216

A	B	C	D	E	F	G	H	I	J
468	32	53	27	38	437	412	24	42	372
594	546	357	679	304	320	350	555	467	309

# Abacus

A	B	C	D	E	F	G	H	I	J
96	73	86	58	47	91	98	57	74	82
193	263	217	210	132	53	260	222	38	152

A	B	C	D	E	F	G	H	I	J
36	8	4	32	27	73	999	43	25	482
377	742	264	486	862	619	868	380	522	544



# Abacus

A	B	C	D	E	F	G	H	I	J
629	236	97	33	2	83	68	8	729	63
410	431	338	171	471	224	127	829	577	563

A	B	C	D	E	F	G	H	I	J
737	378	236	7	457	6	743	586	968	624
294	843	656	455	757	177	276	321	463	282

# Abacus

A					
A	90	X	5	=	450
B		X		=	430
C		X		=	245
D		X		=	335
E		X		=	310
F		X		=	445
G		X		=	110
H		X		=	85
I		X		=	175
J		X		=	465

B					
A	26	X	5	=	130
B		X		=	380
C		X		=	300
D		X		=	65
E		X		=	240
F		X		=	265
G		X		=	355
H		X		=	425
I		X		=	75
J		X		=	390

C					
A	27	X	5	=	135
B		X		=	195
C		X		=	485
D		X		=	290
E		X		=	235
F		X		=	100
G		X		=	405
H		X		=	470
I		X		=	120
J		X		=	80

D					
A	70	X	5	=	350
B		X		=	145
C		X		=	385
D		X		=	275
E		X		=	295
F		X		=	345
G		X		=	370
H		X		=	440
I		X		=	210
J		X		=	445

## Mental

A	B	C	D	E	F	G	H	I	J
25	66	18	88	48	37	98	73	83	82
98	48	72	56	96	78	71	84	90	35

A	B	C	D	E	F	G	H	I	J
28	32	72	83	48	38	81	51	29	17
92	65	95	68	22	84	51	93	39	58

A	B	C	D	E	F	G	H	I	J
19	26	72	83	92	87	68	17	94	38
74	102	64	77	71	91	78	82	81	79

# Abacus

A	B	C	D	E	F	G	H	I	J
79	28	79	25	89	47	66	19	18	84
227	265	169	123	261	335	222	41	164	147

A	B	C	D	E	F	G	H	I	J
783	84	728	38	45	749	380	829	781	28
577	514	829	370	483	902	238	748	645	342

## Mental

A	B	C	D	E	F	G	H	I	J
62	96	82	65	28	85	43	72	91	55
52	68	60	81	40	93	12	23	99	74

A	B	C	D	E	F	G	H	I	J
99	29	46	43	76	18	98	72	63	14
26	15	71	92	97	26	75	65	99	48

A	B	C	D	E	F	G	H	I	J
78	91	74	23	35	86	21	35	32	79
36	62	97	61	67	15	26	95	94	67

# Abacus

A					
A	16	X	5	=	80
B		X		=	305
C		X		=	420
D		X		=	235
E		X		=	135
F		X		=	435
G		X		=	295
H		X		=	210
I		X		=	460
J		X		=	375

A					
A	86	X	5	=	430
B		X		=	385
C		X		=	310
D		X		=	405
E		X		=	295
F		X		=	195
G		X		=	120
H		X		=	400
I		X		=	395
J		X		=	125

A					
A	13	X	5	=	65
B		X		=	90
C		X		=	465
D		X		=	320
E		X		=	355
F		X		=	345
G		X		=	275
H		X		=	245
I		X		=	165
J		X		=	190

A					
A	91	X	5	=	455
B		X		=	415
C		X		=	185
D		X		=	230
E		X		=	470
F		X		=	455
G		X		=	255
H		X		=	385
I		X		=	300
J		X		=	495

# Abacus

A	B	C	D	E	F	G	H	I	J
839	52	34	5	4	823	646	35	92	494
746	971	743	776	245	919	325	798	1059	749

A	B	C	D	E	F	G	H	I	J
385	73	7	348	15	72	612	71	8	673
150	154	492	302	965	314	799	626	885	881

# Mental

A	B	C	D	E	F	G	H	I	J
52	94	65	81	93	95	80	93	85	89
95	80	90	68	86	97	75	29	22	80

A	B	C	D	E	F	G	H	I	J
44	54	25	42	73	82	18	26	39	24
83	154	36	49	14	72	91	68	90	99

A	B	C	D	E	F	G	H	I	J
33	55	70	64	99	58	13	51	83	95
29	49	90	92	44	78	82	56	51	70



# Abacus

A	B	C	D	E	F	G	H	I	J
285	63	936	337	5	486	30	640	816	3
895	789	137	759	911	986	296	884	1383	520

A	B	C	D	E	F	G	H	I	J
82	6	85	30	3	39	734	934	6	82
1106	539	1015	1111	266	923	855	152	330	1375

# Abacus

A					
A	48	X	2	=	96
B		X		=	216
C		X		=	295
D		X		=	144
E		X		=	375
F		X		=	140
G		X		=	78
H		X		=	130
I		X		=	183
J		X		=	138

A					
A	74	X	5	=	370
B		X		=	295
C		X		=	158
D		X		=	440
E		X		=	294
F		X		=	460
G		X		=	480
H		X		=	122
I		X		=	213
J		X		=	420

A					
A	66	X	3	=	198
B		X		=	154
C		X		=	147
D		X		=	112
E		X		=	205
F		X		=	465
G		X		=	170
H		X		=	430
I		X		=	275
J		X		=	260

A					
A	31	X	5	=	155
B		X		=	108
C		X		=	54
D		X		=	110
E		X		=	95
F		X		=	80
G		X		=	74
H		X		=	99
I		X		=	200
J		X		=	450

# Abacus

A	B	C	D	E	F	G	H	I	J
5	17	467	7	510	841	8	36	562	630
339	448	224	251	1193	1258	1006	1311	755	656

A	B	C	D	E	F	G	H	I	J
4	862	72	825	8	629	963	45	280	69
642	1154	700	361	1035	1329	547	615	554	1171

## Mental

A	B	C	D	E	F	G	H	I	J
65	99	87	76	87	85	61	90	72	73
89	85	7	63	5	76	46	66	93	71

A	B	C	D	E	F	G	H	I	J
97	88	47	83	84	41	60	95	86	76
90	60	92	35	68	90	91	65	71	33

A	B	C	D	E	F	G	H	I	J
72	85	98	64	52	31	82	77	65	91
85	65	45	50	23	99	61	14	81	63

# Abacus

A					
A	49	X	2	=	98
B		X		=	230
C		X		=	205
D		X		=	219
E		X		=	222
F		X		=	395
G		X		=	171
H		X		=	295
I		X		=	440
J		X		=	166

A					
A	86	X	5	=	430
B		X		=	58
C		X		=	135
D		X		=	75
E		X		=	70
F		X		=	32
G		X		=	170
H		X		=	111
I		X		=	195
J		X		=	315

A					
A	69	X	2	=	138
B		X		=	130
C		X		=	276
D		X		=	480
E		X		=	490
F		X		=	36
G		X		=	410
H		X		=	310
I		X		=	69
J		X		=	85

A					
A	14	X	5	=	70
B		X		=	38
C		X		=	190
D		X		=	108
E		X		=	115
F		X		=	220
G		X		=	290
H		X		=	279
I		X		=	136
J		X		=	144

# Abacus

A	B	C	D	E	F	G	H	I	J
5	7	636	68	65	535	52	6	663	84
264	1158	1296	876	927	403	638	866	836	1275

A	B	C	D	E	F	G	H	I	J
8	589	52	36	622	74	933	26	58	854
780	842	1237	694	431	609	677	90	272	1371

# Abacus

A					
A	63	X	5	=	315
B		X		=	240
C		X		=	228
D		X		=	198
E		X		=	95
F		X		=	65
G		X		=	156
H		X		=	165
I		X		=	94
J		X		=	270

A					
A	18	X	5	=	90
B		X		=	86
C		X		=	52
D		X		=	198
E		X		=	158
F		X		=	400
G		X		=	105
H		X		=	138
I		X		=	355
J		X		=	184

A					
A	54	X	5	=	270
B		X		=	166
C		X		=	365
D		X		=	92
E		X		=	183
F		X		=	365
G		X		=	246
H		X		=	148
I		X		=	370
J		X		=	213

A					
A	85	X	3	=	255
B		X		=	63
C		X		=	146
D		X		=	156
E		X		=	225
F		X		=	132
G		X		=	68
H		X		=	390
I		X		=	365
J		X		=	72

## Mental

A	B	C	D	E	F	G	H	I	J
36	81	38	62	29	98	68	93	24	61
61	88	99	86	86	56	80	67	68	77

A	B	C	D	E	F	G	H	I	J
95	62	95	74	17	51	92	81	86	91
79	19	17	32	70	87	99	77	98	13

A	B	C	D	E	F	G	H	I	J
93	81	95	68	87	85	86	75	94	83
67	52	30	54	73	41	50	12	79	56



## Mental

A	B	C	D	E	F	G	H	I	J
89	72	54	38	21	13	76	25	37	72
47	74	26	49	95	90	20	81	0	42

A	B	C	D	E	F	G	H	I	J
66	85	37	73	39	49	14	57	49	35
79	76	101	67	88	73	84	6	43	100

A	B	C	D	E	F	G	H	I	J
15	28	19	16	83	56	81	99	33	27
61	1	41	38	78	85	106	66	29	13

## Mental

A	B	C	D	E	F	G	H	I	J
58	47	74	65	43	45	27	67	18	73
54	70	87	95	104	69	96	76	91	40

A	B	C	D	E	F	G	H	I	J
32	10	73	93	67	86	59	34	27	44
50	80	71	68	95	12	97	94	50	62

A	B	C	D	E	F	G	H	I	J
13	93	42	29	53	96	87	71	35	66
101	40	88	89	11	75	55	97	62	69

## Abacus

A	B	C	D	E	F	G	H	I	J
729	749	826	926	793	738	476	856	173	385
980	363	1067	1279	593	648	1230	476	278	732

A	B	C	D	E	F	G	H	I	J
843	433	872	389	754	254	723	106	863	903
396	896	629	471	532	502	279	293	462	461

**Q. Max wants to go to the park. The bus tickets to Roosevelt Park costs 2 times more than to Wonder park. If the tickets to Wonder park cost \$ 6, how much is the ticket to Roosevelt Park?**

**Answer:  $6 \times 2 = 12$ . They cost \$ 12**

**Q Wonder Park is 9 miles away from Max's home. If Roosevelt Park is 3 times farther than Wonder Park, How many miles is Roosevelt Park from Max's home?**

**Answer:  $9 \times 3 = 27$ . Roosevelt Park is 27 miles away from Max's home.**

## Abacus

A	B	C	D	E	F	G	H	I	J
729	167	742	367	418	628	482	572	825	739
861	589	879	986	1066	215	946	149	992	821

A	B	C	D	E	F	G	H	I	J
295	483	479	826	379	386	567	925	476	864
413	1141	1042	1377	385	1057	1231	821	570	1766

**Q.Sid brought home 4 flowers from park last time. His Mom wants him to bring 5 times as many this time. How many flowers will Sid bring?**

**Answer:  $4 \times 5 = 20$**

**Q.The doctors at Penguin Hospital drank 73 cups of tea yesterday. They drank 39 cups in the morning and 31 cups in the afternoon. How many cups did they drink in the evening?**

**Answer:  $39 + 31 = 70$ ,  $73 - 70 = 3$ . They drank 3 cups in the evening.**

# Abacus

A	B	C	D	E	F	G	H	I	J
285	894	754	924	589	568	848	489	376	488
1094	873	1268	844	659	1.707	1508	379	766	999

A	B	C	D	E	F	G	H	I	J
737	588	396	378	843	378	471	927	588	488
675	677	502	1001	963	253	816	737	126	1121

**Q. Katherine has 45 pennies in her piggy bak. If she gets 35 more pennies for getting a good report card, she will have exactly half as many pennies as her older sister Jasmine. How many pennies does Jasmine have?**

**Ans:  $45 + 35 = 80$     $800 \times 2 = 160$ . Katherine has 80 pennies and Jasmine has 160**

**Q. Together Derek and Larry have 15 books. Out of the 15 books 6 belong to Derek. How many books belong to Larry?**

**Ans:  $15 - 6 = 9$ .   9 books belong to Larry.**

# Abacus

A					
A	23	X	2	=	46
B		X		=	320
C		X		=	96
D		X		=	246
E		X		=	240
F		X		=	82
G		X		=	176
H		X		=	108
I		X		=	390
J		X		=	111

A					
A	49	X	3	=	147
B		X		=	56
C		X		=	270
D		X		=	144
E		X		=	285
F		X		=	108
G		X		=	88
H		X		=	310
I		X		=	279
J		X		=	138

A					
A	92	X	5	=	460
B		X		=	170
C		X		=	120
D		X		=	162
E		X		=	295
F		X		=	184
G		X		=	425
H		X		=	86
I		X		=	108
J		X		=	144

A					
A	48	X	2	=	96
B		X		=	230
C		X		=	90
D		X		=	335
E		X		=	132
F		X		=	231
G		X		=	177
H		X		=	124
I		X		=	100
J		X		=	196