



## Mental Math World Cup 2025

### Practice Sheet 3-Answer Key

#### Zen Master Challenge

Section 1					
Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$91 + 9 - 2 = \_$	89	98	103	107
2	$68 + 5 - 1 = \_$	81	72	76	70
3	$71 + 4 - 1 = \_$	66	83	74	65
4	$73 + 9 - 1 = \_$	81	86	78	89
5	$87 + 7 - 6 = \_$	84	81	87	88
6	$96 - 7 - 1 = \_$	95	97	90	88
7	$13 - 3 - 1 = \_$	18	9	16	5
8	$88 - 7 - 4 = \_$	70	73	78	77
9	$49 - 3 - 2 = \_$	44	47	36	52
10	$62 - 9 - 3 = \_$	49	48	50	52
Section 2					
Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$72 + 40 = \_$	104	120	112	117
2	$47 + 96 = \_$	147	135	136	143
3	$70 + 15 = \_$	85	77	83	80
4	$23 + 87 = \_$	110	112	106	115
5	$79 + 56 = \_$	135	142	132	136
6	$96 + 62 - 16 = \_$	138	135	140	142
7	$78 + 63 - 10 = \_$	131	130	139	134
8	$64 + 53 - 30 = \_$	89	85	87	90
9	$95 + 58 - 12 = \_$	139	147	137	141
10	$92 + 82 - 24 = \_$	159	142	152	150
11	$79 - 54 - 10 = \_$	23	20	17	15
12	$99 - 73 - 11 = \_$	18	15	6	14
13	$62 - 16 - 11 = \_$	38	39	29	35
14	$99 - 64 - 12 = \_$	23	16	27	31
15	$94 - 58 - 18 = \_$	26	18	24	20



### Section 3

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	Double of 78 = __	163	159	156	151
2	Double of 76 = __	152	145	150	155
3	Double of 51 = __	102	104	110	101
4	Double of 70 = __	147	132	143	140
5	Double of 84 = __	168	169	176	160
6	Double of 323 = __	642	646	641	654
7	Double of 971 = __	1945	1948	1942	1935
8	Double of 420 = __	834	849	833	840
9	Double of 886 = __	1781	1774	1769	1772
10	Double of 576 = __	1147	1156	1152	1154
11	Double of 51 + Double of 60 = __	222	231	221	214
12	Double of 17 + Double of 54 = __	146	136	143	142
13	Double of 28 + Double of 29 = __	113	106	114	118
14	Double of 17 + Double of 55 = __	144	152	137	147
15	Double of 74 + Double of 20 = __	184	188	182	193

### Section 4

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	Double of 51 + Half of 68 = __	135	136	138	134
2	Double of 64 + Half of 86 = __	168	169	163	171
3	Double of 35 + Half of 76 = __	114	108	100	109
4	Double of 33 + Half of 70 = __	99	100	103	101
5	Double of 53 + Half of 30 = __	126	121	123	128
6	Double of 28 + Half of 112 = __	118	107	112	115
7	Double of 35 + Half of 116 = __	128	130	126	123
8	Double of 80 + Half of 138 = __	224	229	225	234
9	Double of 72 + Half of 118 = __	200	205	201	203
10	Double of 29 + Half of 178 = __	145	147	156	153
11	Double of 5 + Half of 32 = __	17	26	22	32
12	Double of 2 + Half of 26 = __	9	19	17	8
13	Double of 9 + Half of 36 = __	39	28	43	36
14	Double of 7 + Half of 74 = __	49	53	60	51
15	Double of 5 + Half of 34 = __	32	30	31	27
16	Double of 35 - Half of 18 = __	52	60	69	61
17	Double of 54 - Half of 28 = __	95	97	92	94
18	Double of 53 - Half of 24 = __	96	94	102	92
19	Double of 50 - Half of 20 = __	90	85	91	89
20	Double of 24 - Half of 10 = __	43	48	34	45
21	Half of 60 - Double of 6 = __	21	18	19	16



22	Half of 20 - Double of 1 = _	11	12	8	6
23	Half of 66 - Double of 2 = _	29	32	37	22
24	Half of 36 - Double of 6 = _	15	14	6	8
25	Half of 24 - Double of 2 = _	9	12	8	1
26	Half of 104 + Double of 44 = _	134	147	140	143
27	Half of 188 + Double of 74 = _	242	250	238	248
28	Half of 162 + Double of 74 = _	223	227	230	229
29	Half of 190 + Double of 20 = _	133	134	135	137
30	Half of 184 + Double of 74 = _	238	240	241	236
31	Double of 110 - Half of 22 = _	206	209	210	200
32	Double of 394 - Half of 188 = _	694	693	690	696
33	Double of 294 - Half of 100 = _	537	538	544	539
34	Double of 182 - Half of 70 = _	326	329	330	328
35	Double of 487 - Half of 212 = _	866	868	860	863

### Section 5

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	Triple of 57 = _	169	171	176	166
2	Triple of 60 = _	171	186	180	175
3	Triple of 20 = _	60	52	63	61
4	Triple of 18 = _	54	46	45	56
5	Triple of 22 = _	59	71	73	66
6	Triple of 145 = _	432	428	435	438
7	Triple of 989 = _	2964	2967	2959	2965
8	Triple of 351 = _	1060	1047	1061	1053
9	Triple of 292 = _	868	876	870	867
10	Triple of 754 = _	2260	2262	2257	2258

### Section 6

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	Half of 308 = _	150	152	154	160
2	Half of 668 = _	340	327	336	334
3	Half of 376 = _	187	179	194	188
4	Half of 298 = _	151	150	146	149
5	Half of 230 = _	111	119	124	115



### Section 7

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	Half of 8990 = _	4495	4497	4504	4491
2	Half of 3586 = _	1793	1802	1801	1794
3	Half of 7554 = _	3784	3781	3770	3777
4	Half of 5364 = _	2685	2684	2682	2680
5	Half of 1268 = _	640	628	641	634
6	Half of 116 + Half of 110 = _	113	120	110	121
7	Half of 178 + Half of 118 = _	144	146	150	148
8	Half of 170 + Half of 106 = _	138	143	133	144
9	Half of 108 + Half of 150 = _	121	131	129	127
10	Half of 110 + Half of 122 = _	117	109	124	116

### Section 8

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	Half of 144 - Triple of 12 = _	30	28	32	36
2	Half of 190 - Triple of 30 = _	5	6	13	9
3	Half of 184 - Triple of 21 = _	25	26	29	21
4	Half of 136 - Triple of 10 = _	38	34	29	39
5	Half of 136 - Triple of 13 = _	27	35	30	29

### Section 9

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$5 \times 8 \times 5 =$ _	195	193	199	200
2	$8 \times 1 \times 5 =$ _	33	40	46	49
3	$7 \times 8 \times 8 =$ _	439	450	457	448
4	$8 \times 1 \times 8 =$ _	64	65	67	60
5	$1 \times 2 \times 8 =$ _	22	23	16	8
6	$10 \times 4 =$ _	49	40	41	36
7	$30 \times 6 =$ _	177	180	188	189
8	$30 \times 4 =$ _	129	117	114	120
9	$25 \times 2 =$ _	43	42	50	53
10	$35 \times 9 =$ _	313	315	314	317
11	$57 \times 8 =$ _	453	460	456	465
12	$76 \times 8 =$ _	608	605	604	610
13	$64 \times 4 =$ _	262	256	247	259
14	$17 \times 9 =$ _	156	145	159	153
15	$43 \times 7 =$ _	294	297	298	301



### Section 10

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	Multiple of 51 = _	153, 306, 459	154, 460, 461	160, 466, 468	157, 463, 465
2	Multiple of 50 = _	201, 251, 253	107, 209, 257	204, 254, 256	100, 200, 250
3	Multiple of 66 = _	272, 338, 469	268, 334, 467	266, 332, 464	264, 330, 462
4	Multiple of 39 = _	165, 204, 360	197, 352, 354	156, 195, 351	161, 199, 356
5	Multiple of 47 = _	196, 244, 289	188, 235, 282	192, 239, 287	190, 236, 284

### Section 11

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$508 \times 7 = \_$	3549	3556	3564	3552
2	$959 \times 6 = \_$	5752	5746	5754	5756
3	$358 \times 8 = \_$	2858	2867	2864	2869
4	$642 \times 5 = \_$	3218	3211	3210	3217
5	$676 \times 7 = \_$	4735	4733	4732	4723
6	$464 \times 2 = \_$	928	927	921	937
7	$639 \times 3 = \_$	1915	1917	1919	1909
8	$215 \times 8 = \_$	1724	1720	1721	1726
9	$292 \times 7 = \_$	2046	2037	2044	2049
10	$106 \times 5 = \_$	521	530	538	528
11	$2273 \times 7 = \_$	15909	15918	15907	15911
12	$1662 \times 5 = \_$	8305	8314	8310	8307
13	$9982 \times 2 = \_$	19965	19964	19962	19973
14	$67020 \times 8 = \_$	536151	536160	536162	536168
15	$49361 \times 9 = \_$	444255	444252	444249	444247



### Section 12

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	Prime Factors of 62 = _	9, 40	2, 31	7, 37	4, 34
2	Prime Factors of 49 = _	10	14, 16	12, 13	7, 7
3	Prime Factors of 93 = _	12, 40	3, 31	5, 33	8, 35
4	Prime Factors of 22 = _	7, 16	2, 11	10, 18	3, 12
5	Prime Factors of 74 = _	10, 45	2, 37	7, 42	3, 40
6	Prime Factors of 500 = _	9, 10, 12, 13	2, 2, 5, 5, 5	6, 8, 9, 10	3, 5, 6, 8
7	Prime Factors of 951 = _	3, 317	12, 326	8, 321	6, 319
8	Prime Factors of 214 = _	8, 113	5, 110	9, 114	2, 107
9	Prime Factors of 654 = _	11, 12, 117	7, 8, 114	4, 6, 111	2, 3, 109
10	Prime Factors of 602 = _	2, 7, 43	6, 13, 47	5, 9, 46	11, 14, 51
11	Prime Factors of 117 = _	6, 14	9, 18	3, 3, 13	10, 22
12	Prime Factors of 402 = _	2, 3, 67	7, 9, 72	10, 74	4, 6, 69
13	Prime Factors of 720 = _	6, 7, 8, 9	2, 2, 2, 2, 3, 3, 5	3, 4, 5, 6	9, 10, 11, 14
14	Prime Factors of 879 = _	9, 298	11, 300	4, 296	3, 293
15	Prime Factors of 102 = _	9, 10, 24	4, 18	2, 3, 17	7, 9, 22

### Section 13

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$4^2 = \_$	8	16	14	11
2	$6^2 = \_$	31	36	41	34
3	$2^2 = \_$	4	2	6	12
4	$7^2 = \_$	41	50	49	44
5	$63^2 = \_$	3969	3978	3970	3972
6	$75^2 = \_$	5630	5632	5625	5620
7	$82^2 = \_$	6724	6715	6730	6718
8	$40^2 = \_$	1593	1600	1608	1596
9	$88^2 = \_$	7750	7746	7744	7752



### Section 14

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$1^2 + 5^2 + 3^2 = \_$	38	31	42	35
2	$7^2 + 6^2 + 2^2 = \_$	93	95	89	86
3	$6^2 + 9^2 + 9^2 = \_$	198	193	201	200
4	$9^2 + 8^2 + 6^2 = \_$	176	177	181	179
5	$1^2 + 7^2 + 2^2 = \_$	53	58	45	54
6	$7^3 + 4^2 + 2^2 = \_$	370	363	372	359
7	$9^3 + 7^2 + 6^2 = \_$	810	813	812	814
8	$3^3 + 4^2 + 9^2 = \_$	116	119	124	133
9	$4^2 + 1^2 - 1^2 = \_$	25	17	11	16
10	$8^2 + 1^2 - 1^2 = \_$	73	71	64	67
11	$7^2 + 3^2 - 1^2 = \_$	57	55	63	53
12	$9^3 + 9^2 - 6^2 = \_$	775	774	771	772
13	$8^2 + 1^3 - 1^2 = \_$	64	70	56	72
14	$9^2 + 3^3 - 3^2 = \_$	103	93	104	99
15	$6^3 + 9^2 - 2^2 = \_$	291	297	285	293

### Section 15

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	50% of 46 = $\_$	25	23	21	20
2	50% of 22 = $\_$	11	10	19	3
3	20% of 15 = $\_$	12	5	3	4
4	25% of 76 = $\_$	19	28	23	25
5	25% of 64 = $\_$	17	24	23	16
6	25% of 44 = $\_$	2	9	13	11
7	8% of 25 = $\_$	8	2	5	6
8	50% of 26 = $\_$	12	15	21	13
9	25% of 88 = $\_$	22	29	17	24
10	25% of 72 = $\_$	9	11	26	18
11	50% of 198 = $\_$	97	107	99	91
12	20% of 465 = $\_$	91	98	93	97
13	76% of 175 = $\_$	125	136	133	129
14	25% of 564 = $\_$	141	133	136	135
15	50% of 764 = $\_$	381	382	379	388
16	50% of 622 = $\_$	314	311	313	312
17	25% of 528 = $\_$	132	139	128	138



### Section 16

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$450 + 92 = \underline{\quad}$	547	545	542	533
2	$485 + 95 = \underline{\quad}$	586	574	580	584
3	$711 + 17 = \underline{\quad}$	734	728	722	723
4	$281 + 57 = \underline{\quad}$	345	344	330	338
5	$465 + 52 = \underline{\quad}$	517	525	511	508
6	$699 - 86 = \underline{\quad}$	612	613	606	618
7	$754 - 39 = \underline{\quad}$	722	715	724	718
8	$617 - 34 = \underline{\quad}$	579	578	583	592
9	$715 - 24 = \underline{\quad}$	695	691	698	696
10	$186 - 20 = \underline{\quad}$	157	172	170	166
11	$765 + 507 = \underline{\quad}$	1272	1270	1279	1265
12	$433 + 908 = \underline{\quad}$	1341	1339	1342	1346
13	$953 + 304 = \underline{\quad}$	1248	1249	1257	1255
14	$950 + 749 = \underline{\quad}$	1694	1704	1698	1699
15	$325 + 362 = \underline{\quad}$	689	679	687	691

### Section 17

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$960 + 61 - 8 = \underline{\quad}$	1017	1013	1015	1012
2	$350 + 96 - 6 = \underline{\quad}$	435	440	434	445
3	$876 + 71 - 2 = \underline{\quad}$	938	943	942	945
4	$430 - 71 + 8 = \underline{\quad}$	367	376	362	363
5	$267 - 47 + 1 = \underline{\quad}$	223	218	225	221
6	$536 - 33 + 3 = \underline{\quad}$	506	500	504	512
7	$759 - 34 + 9 = \underline{\quad}$	728	740	734	729
8	$903 - 77 + 6 = \underline{\quad}$	825	832	831	830
9	$585 + 717 + 814 = \underline{\quad}$	2113	2117	2123	2116
10	$802 + 388 + 232 = \underline{\quad}$	1420	1430	1429	1422





### Section 18

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	29, 74, 83 Mean = _	55	66	62	54
2	61, 33, 62 Mean = _	50	57	52	44
3	49, 65, 87 Mean = _	67	60	66	75
4	18, 81, 48 Mean = _	58	54	45	49
5	93, 17, 31 Mean = _	55	45	50	47
6	59, 44, 50, 49, 78 Mean = _	54	51	62	56
7	62, 96, 75, 19, 48 Mean = _	69	62	60	54
8	51, 74, 53, 73, 19 Mean = _	63	48	54	49
9	35, 24, 66, 47, 83 Mean = _	51	52	57	53
10	14, 90, 44, 45, 82 Mean = _	46	50	55	52
11	44, 21, 66, 65, 54 Mean = _	52	50	54	48
12	41, 83, 94, 28, 19 Mean = _	47	49	53	48
13	76, 33, 38, 62, 56 Mean = _	54	53	47	61
14	45, 31, 77, 90, 22 Mean = _	53	45	56	52
15	16, 74, 62, 12, 76 Mean = _	40	41	48	46

### Section 19

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	Remainder of 44 / 9 = _	11	8	7	13
2	Remainder of 82 / 6 = _	1	7	4	2
3	Remainder of 86 / 3 = _	5	7	8	2
4	Remainder of 89 / 7 = _	5	1	6	11
5	Remainder of 46 / 6 = _	5	11	10	4
6	Remainder of 66 / 4 = _	3	2	1	5
7	Remainder of 54 / 2 = _	2	0	6	4
8	Remainder of 23 / 3 = _	7	10	2	5
9	Remainder of 91 / 9 = _	9	3	2	1
10	Remainder of 37 / 2 = _	1	3	2	7



### Section 20

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	Find the LCM of 44 and 57 ?	2510	2505	2508	2511
2	Find the LCM of 78 and 65 ?	396	390	382	399
3	Find the LCM of 86 and 48 ?	2068	2070	2057	2064
4	Find the LCM of 70 and 78 ?	2725	2722	2726	2730
5	Find the LCM of 39 and 51 ?	666	663	664	670
6	Find the LCM of 82 and 46 ?	1881	1886	1888	1892
7	Find the LCM of 66 and 90 ?	985	991	990	982
8	Find the LCM of 56 and 88 ?	616	621	619	611
9	Find the LCM of 87 and 88 ?	7656	7661	7650	7660
10	Find the LCM of 87 and 17 ?	1479	1470	1484	1481
11	Find the LCM of 48 and 58 ?	1383	1394	1399	1392
12	Find the LCM of 84 and 91 ?	1099	1092	1100	1091
13	Find the LCM of 46 and 60 ?	1379	1388	1382	1380
14	Find the LCM of 75 and 94 ?	7052	7047	7050	7048
15	Find the LCM of 47 and 12 ?	572	561	564	563

### Section 21

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	Find the HCF of 69, 60 = __	2	3	5	12
2	Find the HCF of 35, 28 = __	2	7	14	13
3	Find the HCF of 77, 30 = __	7	5	2	1
4	Find the HCF of 46, 91 = __	2	4	5	1
5	Find the HCF of 40, 14 = __	2	10	11	4
6	Find the HCF of 10, 39 = __	2	10	8	1
7	Find the HCF of 38, 49 = __	6	9	5	1
8	Find the HCF of 38, 93 = __	1	10	6	5
9	Find the HCF of 44, 46 = __	4	7	11	2
10	Find the HCF of 24, 84 = __	8	12	10	14
11	Find the HCF of 50, 86 = __	10	4	5	2
12	Find the HCF of 58, 85 = __	1	10	2	8
13	Find the HCF of 76, 63 = __	6	1	7	3
14	Find the HCF of 20, 38 = __	10	2	6	4
15	Find the HCF of 70, 63 = __	2	1	8	7
16	Find the HCF of 55, 48 = __	8	1	2	7
17	Find the HCF of 20, 63 = __	1	9	7	3
18	Find the HCF of 36, 46 = __	7	2	4	6
19	Find the HCF of 52, 74 = __	6	11	7	2
20	Find the HCF of 44, 88 = __	45	36	44	53



### Section 22

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$6.29 + 5.769 = \underline{\hspace{1cm}}$	12.059	14.059	9.059	19.059
2	$9.62 + 6.981 = \underline{\hspace{1cm}}$	25.601	16.601	14.601	24.601
3	$1.94 + 9.865 = \underline{\hspace{1cm}}$	19.805	11.805	18.805	5.805
4	$1.06 + 1.008 = \underline{\hspace{1cm}}$	1.068	2.068	11.068	3.068
5	$3.01 + 8.757 = \underline{\hspace{1cm}}$	11.767	4.767	9.767	6.767

### Section 23

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$6.12 \times 10 = \underline{\hspace{1cm}}$	61.2	63.2	53.2	56.2
2	$5.07 \times 10 = \underline{\hspace{1cm}}$	58.7	42.7	51.7	50.7
3	$8.86 \times 10 = \underline{\hspace{1cm}}$	84.6	88.6	81.6	97.6
4	$5.54 \times 10 = \underline{\hspace{1cm}}$	58.4	46.4	55.4	52.4
5	$1.87 \times 10 = \underline{\hspace{1cm}}$	20.7	22.7	18.7	24.7
6	$4.23 \times 100 = \underline{\hspace{1cm}}$	421	430	417	423
7	$5.37 \times 100 = \underline{\hspace{1cm}}$	536	530	537	533
8	$7.54 \times 100 = \underline{\hspace{1cm}}$	754	752	762	750
9	$3.56 \times 100 = \underline{\hspace{1cm}}$	359	365	354	356
10	$1.76 \times 100 = \underline{\hspace{1cm}}$	173	176	183	178
11	$240.49 \times 100 = \underline{\hspace{1cm}}$	24049	24046	24045	24043
12	$758.59 \times 100 = \underline{\hspace{1cm}}$	75855	75866	75859	75865
13	$543.32 \times 100 = \underline{\hspace{1cm}}$	54330	54332	54329	54331
14	$342.68 \times 100 = \underline{\hspace{1cm}}$	34268	34274	34269	34259
15	$244.9 \times 100 = \underline{\hspace{1cm}}$	24485	24495	24490	24481

### Section 24

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$15 \div 5$ Quotient = $\underline{\hspace{1cm}}$	4	1	9	3
2	$49 \div 7$ Quotient = $\underline{\hspace{1cm}}$	3	5	7	15
3	$24 \div 6$ Quotient = $\underline{\hspace{1cm}}$	11	9	4	13
4	$56 \div 8$ Quotient = $\underline{\hspace{1cm}}$	7	2	11	8
5	$28 \div 2$ Quotient = $\underline{\hspace{1cm}}$	21	11	14	19
6	$747 \div 3$ Quotient = $\underline{\hspace{1cm}}$	249	255	243	242
7	$459 \div 3$ Quotient = $\underline{\hspace{1cm}}$	150	153	159	145
8	$648 \div 3$ Quotient = $\underline{\hspace{1cm}}$	216	211	225	217
9	$248 \div 8$ Quotient = $\underline{\hspace{1cm}}$	36	31	29	40
10	$912 \div 2$ Quotient = $\underline{\hspace{1cm}}$	462	448	452	456



Section 25					
Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	Cost price = 89, Selling Price = 56 Loss = __	38	24	33	27
2	Cost price = 86, Selling Price = 24 Loss = __	69	63	62	68
3	Cost price = 81, Selling Price = 137 Profit = __	49	59	56	58
4	Cost price = 76, Selling Price = 137 Profit = __	66	70	61	64
5	Cost price = 19, Selling Price = 30 Profit = __	7	4	20	11
6	Cost price = 653, Selling Price = 195 Loss = __	458	467	449	454
7	Cost price = 439, Selling Price = 237 Loss = __	202	197	210	205
8	Cost price = 369, Selling Price = 524 Profit = __	158	155	152	151
9	Cost price = 452, Selling Price = 176 Loss = __	271	268	274	276
10	Cost price = 907, Selling Price = 489 Loss = __	414	422	418	410
11	Cost price = 760, Selling Price = 205 Loss = __	555	553	551	550
12	Cost price = 850, Selling Price = 552 Loss = __	297	298	302	303
13	Cost price = 727, Selling Price = 1156 Profit = __	433	429	438	424
14	Cost price = 500, Selling Price = 320 Loss = __	187	182	180	177
15	Cost price = 898, Selling Price = 556 Loss = __	348	346	342	347
16	Loss = 229, Selling Price = 179 Cost price = __	408	399	403	416
17	Profit = 515, Selling Price = 1387 Cost price = __	872	865	876	878
18	Loss = 258, Selling Price = 193 Cost price = __	457	445	451	460
19	Loss = 161, Selling Price = 274 Cost price = __	442	435	441	427
20	Profit = 506, Selling Price = 1335 Cost price = __	829	837	834	828



### Section 26

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$189 / 7$ Quotient = _	26	27	34	24
2	$279 / 3$ Quotient = _	90	95	102	93
3	$720 / 9$ Quotient = _	88	82	85	80
4	$272 / 4$ Quotient = _	76	68	70	66
5	$516 / 3$ Quotient = _	180	176	172	170
6	$820 / 5$ Quotient = _	168	160	164	159
7	$381 / 3$ Quotient = _	127	134	132	136
8	$752 / 8$ Quotient = _	102	101	98	94
9	$711 / 3$ Quotient = _	239	237	241	233
10	$579 / 3$ Quotient = _	193	192	200	186
11	$3232 / 8$ Quotient = _	399	404	400	412
12	$8064 / 3$ Quotient = _	2688	2682	2681	2685
13	$2704 / 4$ Quotient = _	678	676	669	667
14	$3582 / 9$ Quotient = _	396	405	402	398
15	$9436 / 2$ Quotient = _	4718	4720	4723	4715
16	$1094 / 2$ Quotient = _	550	555	540	547
17	$7068 / 6$ Quotient = _	1181	1185	1178	1186
18	$7506 / 9$ Quotient = _	833	832	843	834
19	$90846 / 6$ Quotient = _	15135	15142	15140	15141
20	$96920 / 8$ Quotient = _	12108	12107	12115	12123

### Section 27

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$8.02 / 1000$ = _	0.00802	4.00802	9.00802	6.00802
2	$3.92 / 1000$ = _	6.00392	3.00392	0.00392	7.00392
3	$5.55 / 1000$ = _	2.00555	5.00555	0.00555	6.00555
4	$4.11 / 1000$ = _	3.00411	5.00411	1.00411	0.00411
5	$1.57 / 1000$ = _	6.00157	0.00157	5.00157	9.00157
6	$6.61 / 100$ = _	3.0661	9.0661	0.0661	4.0661
7	$3.92 / 100$ = _	1.0392	7.0392	0.0392	9.0392
8	$8.88 / 100$ = _	3.0888	2.0888	8.0888	0.0888
9	$9.66 / 100$ = _	6.0966	0.0966	1.0966	9.0966
10	$4.97 / 100$ = _	3.0497	4.0497	7.0497	0.0497



### Section 28

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$800 - 27 + 14 = \_$	782	791	793	787
2	$885 - 44 + 15 = \_$	856	860	859	853
3	$958 - 62 + 13 = \_$	909	901	911	912
4	$436 - 90 + 43 = \_$	396	389	388	387
5	$209 - 36 + 12 = \_$	189	194	177	185
6	$291 + 59 - 47 = \_$	296	305	303	298
7	$255 + 78 - 77 = \_$	256	261	259	265
8	$782 + 47 - 12 = \_$	812	810	815	817
9	$248 + 77 - 45 = \_$	275	282	283	280
10	$691 + 77 - 33 = \_$	741	733	732	735

### Section 29

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$(5 + 8) \times (9 + 7) = \_$	217	212	208	202
2	$(7 + 3) \times (9 + 5) = \_$	142	145	140	138
3	$(1 + 6) \times (7 + 9) = \_$	114	107	112	115
4	$(5 + 9) \times (6 + 9) = \_$	208	204	210	216
5	$(9 + 3) \times (7 + 4) = \_$	124	132	130	137
6	$(57 + 63) \times (97 + 15) = \_$	13437	13448	13440	13438
7	$(23 + 60) \times (66 + 94) = \_$	13282	13280	13288	13283
8	$(89 + 26) \times (61 + 55) = \_$	13345	13332	13349	13340
9	$(49 + 39) \times (43 + 98) = \_$	12408	12410	12403	12415
10	$(72 + 55) \times (69 + 17) = \_$	10914	10922	10915	10929
11	$(72 + 60) \times (33 + 37) = \_$	9241	9238	9240	9242
12	$(68 + 13) \times (79 + 67) = \_$	11835	11818	11826	11824
13	$(22 + 83) \times (28 + 71) = \_$	10388	10386	10400	10395
14	$(95 + (3 + 36)) \times (234 - 90) = \_$	19296	19300	19291	19297
15	$(97 + (9 + 74)) \times (754 - 92) = \_$	119160	119169	119164	119158



### Section 30

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$\sqrt{400} = \_$	15	20	14	13
2	$\sqrt{361} = \_$	26	24	19	11
3	$\sqrt{324} = \_$	22	15	13	18
4	$\sqrt{484} = \_$	21	15	22	29
5	$\sqrt{100} = \_$	19	9	3	10
6	$\sqrt{256} = \_$	16	18	10	11
7	$\sqrt{961} = \_$	29	28	31	37
8	$\sqrt{841} = \_$	29	21	27	24
9	$\sqrt{784} = \_$	29	28	21	27
10	$\sqrt{1849} = \_$	48	44	43	36
11	$\sqrt{6241} = \_$	79	72	87	86
12	$\sqrt{3249} = \_$	52	56	57	48
13	$\sqrt{9604} = \_$	99	103	98	96
14	$\sqrt{4489} = \_$	68	67	69	70
15	$\sqrt{5329} = \_$	82	78	73	66
16	$\sqrt{4761} = \_$	69	67	74	71
17	$\sqrt{1521} = \_$	36	39	41	37
18	$\sqrt{3136} = \_$	56	61	51	52
19	$\sqrt{5041} = \_$	62	69	74	71

### Section 31

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	Cube Root of 32768 = $\_$	30	32	34	36
2	Cube Root of 29791 = $\_$	26	33	27	31
3	Cube Root of 24389 = $\_$	35	28	29	32
4	Cube Root of 64000 = $\_$	43	35	48	40
5	Cube Root of 42875 = $\_$	35	38	34	32
6	Cube Root of 39304 = $\_$	31	33	34	40
7	Cube Root of 12167 = $\_$	30	23	24	17
8	Cube Root of 97336 = $\_$	45	39	48	46
9	Cube Root of 68921 = $\_$	32	47	33	41
10	Cube Root of 27000 = $\_$	36	30	39	33
11	Cube Root of 54872 = $\_$	32	29	38	36
12	Cube Root of 13824 = $\_$	17	20	24	22
13	Cube Root of 15625 = $\_$	17	23	25	24
14	Cube Root of 17576 = $\_$	26	20	28	24



### Section 32

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$9726 - 117 = \underline{\hspace{1cm}}$	9617	9603	9615	9609
2	$6764 - 551 = \underline{\hspace{1cm}}$	6214	6220	6211	6213
3	$6614 - 397 = \underline{\hspace{1cm}}$	6217	6219	6215	6209
4	$3681 - 765 = \underline{\hspace{1cm}}$	2919	2916	2918	2921
5	$9626 - 273 = \underline{\hspace{1cm}}$	9359	9361	9353	9345

### Section 33

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$72 \times 30 = \underline{\hspace{1cm}}$	2153	2164	2169	2160
2	$45 \times 40 = \underline{\hspace{1cm}}$	1804	1798	1800	1801
3	$66 \times 41 = \underline{\hspace{1cm}}$	2712	2705	2706	2704
4	$19 \times 29 = \underline{\hspace{1cm}}$	554	552	549	551
5	$49 \times 44 = \underline{\hspace{1cm}}$	2155	2156	2162	2164
6	$26 \times 24 = \underline{\hspace{1cm}}$	624	622	616	621
7	$77 \times 40 = \underline{\hspace{1cm}}$	3080	3074	3078	3089
8	$67 \times 66 = \underline{\hspace{1cm}}$	4425	4422	4430	4413
9	$65 \times 31 = \underline{\hspace{1cm}}$	2015	2007	2024	2017
10	$20 \times 53 = \underline{\hspace{1cm}}$	1056	1060	1063	1052
11	$35 \times 81 = \underline{\hspace{1cm}}$	2840	2835	2826	2829
12	$86 \times 65 = \underline{\hspace{1cm}}$	5591	5588	5590	5597
13	$20 \times 59 = \underline{\hspace{1cm}}$	1180	1187	1179	1189
14	$16 \times 88 = \underline{\hspace{1cm}}$	1408	1413	1411	1415
15	$22 \times 17 = \underline{\hspace{1cm}}$	374	378	376	368

### Section 34

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$\underline{\hspace{1cm}} \times 100 = 2500$	33	18	24	25
2	$\underline{\hspace{1cm}} \times 100 = 8300$	83	79	81	78
3	$\underline{\hspace{1cm}} \times 100 = 9500$	95	100	103	92
4	$\underline{\hspace{1cm}} \times 100 = 2300$	25	23	29	21
5	$\underline{\hspace{1cm}} \times 100 = 5700$	53	57	66	54
6	$13 \times \underline{\hspace{1cm}} = 52$	3	4	13	9
7	$75 \times \underline{\hspace{1cm}} = 525$	14	12	7	9
8	$71 \times \underline{\hspace{1cm}} = 497$	12	5	3	7
9	$53 \times \underline{\hspace{1cm}} = 477$	11	9	5	14
10	$61 \times \underline{\hspace{1cm}} = 366$	1	6	7	8
11	$71 \times \underline{\hspace{1cm}} = 142$	1	4	3	2
12	$80 \times \underline{\hspace{1cm}} = 560$	7	11	5	10
13	$32 \times \underline{\hspace{1cm}} = 160$	5	2	9	7
14	$72 \times \underline{\hspace{1cm}} = 432$	13	14	6	3
15	$96 \times \underline{\hspace{1cm}} = 768$	15	3	8	4





### Section 35

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$99 : 27 = \underline{\hspace{1cm}}$	11:3	15:12	15:5	16:6
2	$12 : 18 = \underline{\hspace{1cm}}$	2:3	4:4	4:7	6:12
3	$14 : 21 = \underline{\hspace{1cm}}$	2:3	4:9	5:12	4:11
4	$27 : 99 = \underline{\hspace{1cm}}$	8:12	5:12	3:11	6:13
5	$77 : 35 = \underline{\hspace{1cm}}$	16:7	11:5	19:8	14:6
6	$35 : 25 = \underline{\hspace{1cm}}$	9:14	7:5	13:7	13:12
7	$88 : 40 = \underline{\hspace{1cm}}$	12:11	16:11	20:13	11:5
8	$40 : 88 = \underline{\hspace{1cm}}$	13:19	13:15	9:20	5:11
9	$14 : 49 = \underline{\hspace{1cm}}$	10:10	2:7	8:13	3:14
10	$40 : 24 = \underline{\hspace{1cm}}$	7:7	13:6	5:3	8:11
11	$15 : 65 = \underline{\hspace{1cm}}$	8:15	10:17	9:21	3:13
12	$42 : 258 = \underline{\hspace{1cm}}$	14:47	7:43	14:49	16:46
13	$24 : 776 = \underline{\hspace{1cm}}$	3:97	10:102	8:105	9:98
14	$88 : 104 = \underline{\hspace{1cm}}$	11:13	16:15	17:15	17:22
15	$42 : 282 = \underline{\hspace{1cm}}$	15:48	12:49	13:48	7:47
16	$24 : 872 = \underline{\hspace{1cm}}$	5:112	8:111	10:116	3:109
17	$77 : 623 = \underline{\hspace{1cm}}$	14:95	12:94	11:89	14:90
18	$25 : 235 = \underline{\hspace{1cm}}$	11:49	11:48	13:55	5:47
19	$25 : 415 = \underline{\hspace{1cm}}$	9:92	6:88	5:83	11:89
20	$99 : 531 = \underline{\hspace{1cm}}$	11:59	17:61	15:61	13:61

### Section 36

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	Remainder of $897 / 68 = \underline{\hspace{1cm}}$	13	18	20	12
2	Remainder of $747 / 49 = \underline{\hspace{1cm}}$	12	16	15	20
3	Remainder of $388 / 78 = \underline{\hspace{1cm}}$	78	71	79	76
4	Remainder of $344 / 36 = \underline{\hspace{1cm}}$	19	20	28	21
5	Remainder of $129 / 10 = \underline{\hspace{1cm}}$	11	15	9	18
6	Remainder of $213 / 68 = \underline{\hspace{1cm}}$	9	16	6	13
7	Remainder of $363 / 72 = \underline{\hspace{1cm}}$	10	8	3	12
8	Remainder of $738 / 15 = \underline{\hspace{1cm}}$	4	3	1	6
9	Remainder of $600 / 30 = \underline{\hspace{1cm}}$	4	3	0	7
10	Remainder of $210 / 86 = \underline{\hspace{1cm}}$	37	38	36	39
11	Remainder of $7281 / 76 = \underline{\hspace{1cm}}$	60	61	55	67
12	Remainder of $7954 / 20 = \underline{\hspace{1cm}}$	14	12	20	22
13	Remainder of $7644 / 39 = \underline{\hspace{1cm}}$	4	6	0	2
14	Remainder of $68411 / 54 = \underline{\hspace{1cm}}$	45	56	46	47
15	Remainder of $28088 / 18 = \underline{\hspace{1cm}}$	5	7	17	8



### Section 37

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$5526 + 2967 = \_$	8490	8495	8501	8493
2	$2331 + 4825 = \_$	7151	7147	7156	7148
3	$2234 + 1563 = \_$	3797	3804	3805	3789
4	$4921 + 5347 = \_$	10266	10261	10268	10259
5	$4384 + 9846 = \_$	14229	14232	14230	14236
6	$38076 + 87309 = \_$	125376	125379	125385	125393
7	$96314 + 12929 = \_$	109239	109237	109243	109245
8	$58297 + 61813 = \_$	120104	120112	120111	120110
9	$584 + 565 + 355 + 911 + 595 = \_$	3018	3008	3003	3010
10	$640 + 447 + 274 + 673 + 175 = \_$	2215	2205	2209	2213

### Section 38

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$801 \times 460 = \_$	368455	368469	368460	368458
2	$203 \times 319 = \_$	64752	64761	64755	64757
3	$433 \times 111 = \_$	48065	48063	48057	48072
4	$63741 \times 29651 = \_$	1889984390	1889984391	1889984382	1889984393
5	$78433 \times 59290 = \_$	4650292573	4650292574	4650292568	4650292570

### Section 39

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$462 / 42$ Quotient = $\_$	4	9	11	19
2	$832 / 64$ Quotient = $\_$	13	10	20	6
3	$578 / 34$ Quotient = $\_$	12	8	17	14
4	$800 / 32$ Quotient = $\_$	32	25	24	33
5	$120 / 60$ Quotient = $\_$	4	2	3	6
6	$9758 / 82$ Quotient = $\_$	128	112	119	116
7	$3619 / 77$ Quotient = $\_$	47	42	54	52
8	$5358 / 47$ Quotient = $\_$	114	108	109	120
9	$47168 / 88$ Quotient = $\_$	536	538	530	532
10	$46431 / 33$ Quotient = $\_$	1407	1405	1411	1410