3 × **11** = 33	**2** × **1** = 2	**4** × **4** = 16	**4** × **5** = 20	**1** × **6** = 6
4 × **12** = 48	**1** × **10** = 10	**3** × **3** = 9	**4** × **6** = 24	**3** × **7** = 21
1 × **2** = 2	**4** × **7** = 28	**2** × **11** = 22	**4** × **3** = 12	**3** × **12** = 36
1 × **5** = 5	**3** × **9** = 27	**4** × **2** = 8	**2** × **3** = 6	**4** × **10** = 40
1 × **12** = 12	**1** × **1** = 1	**4** × **11** = 44	**2** × **8** = 16	**3** × **2** = 6
2 × **5** = 10	**4** × **1** = 4	**3** × **5** = 15	**2** × **12** = 24	**3** × **4** = 12
3 × **6** = 18	**3** × **10** = 30	**3** × **8** = 24	**1** × **11** = 11	**1** × **9** = 9
2 × **4** = 8	**4** × **9** = 36	**1** × **4** = 4	**3** × **1** = 3	**2** × **2** = 4

2 × **6**	**3** × **9**	**3** × **10**	**3** × **8**	**4** × **5**
12	27	30	24	20
3 × **11**	**4** × **2**	**4** × **4**	**4** × **10**	**1** × **9**
33	8	16	40	9
2 × **3**	**4** × **9**	**1** × **11**	**1** × **3**	**1** × **1**
6	36	11	3	1
3 × **1**	**3** × **12**	**3** × **6**	**1** × **6**	**1** × **8**
3	36	18	6	8
1 × **2**	**2** × **9**	**2** × **11**	**1** × **4**	**1** × **10**
2	18	22	4	10
4 × **7**	**3** × **7**	**4** × **1**	**2** × **12**	**2** × **1**
28	21	4	24	2
2 × **2**	**3** × **5**	**4** × **11**	**2** × **5**	**3** × **3**
4	15	44	10	9
3 × **2**	**1** × **7**	**1** × **12**	**4** × **6**	**2** × **4**
6	7	12	24	8

4 × **7** = 28	**2** × **10** = 20	**3** × **6** = 18	**4** × **11** = 44	**1** × **9** = 9
4 × **2** = 8	**2** × **1** = 2	**3** × **10** = 30	**2** × **12** = 24	**2** × **5** = 10
1 × **1** = 1	**1** × **4** = 4	**3** × **8** = 24	**1** × **7** = 7	**2** × **2** = 4
3 × **9** = 27	**2** × **7** = 14	**4** × **8** = 32	**3** × **3** = 9	**1** × **2** = 2
1 × **12** = 12	**2** × **4** = 8	**1** × **11** = 11	**1** × **8** = 8	**4** × **1** = 4
2 × **6** = 12	**4** × **5** = 20	**2** × **11** = 22	**1** × **3** = 3	**4** × **6** = 24
3 × **2** = 6	**3** × **11** = 33	**2** × **8** = 16	**4** × **10** = 40	**2** × **9** = 18
3 × **5** = 15	**3** × **12** = 36	**4** × **3** = 12	**3** × **1** = 3	**4** × **4** = 16

1 × **11** = 11	**3** × **1** = 3	**4** × **11** = 44	**2** × **5** = 10	**3** × **11** = 33
3 × **10** = 30	**2** × **12** = 24	**3** × **12** = 36	**1** × **4** = 4	**4** × **5** = 20
2 × **8** = 16	**3** × **2** = 6	**4** × **8** = 32	**2** × **1** = 2	**2** × **3** = 6
1 × **3** = 3	**1** × **12** = 12	**3** × **9** = 27	**1** × **2** = 2	**1** × **7** = 7
3 × **5** = 15	**1** × **1** = 1	**2** × **7** = 14	**4** × **12** = 48	**2** × **4** = 8
3 × **4** = 12	**2** × **10** = 20	**2** × **11** = 22	**4** × **6** = 24	**1** × **9** = 9
4 × **1** = 4	**4** × **2** = 8	**4** × **3** = 12	**1** × **8** = 8	**1** × **5** = 5
1 × **10** = 10	**4** × **9** = 36	**1** × **6** = 6	**3** × **6** = 18	**4** × **7** = 28

4 × **6**	**4** × **12**	**4** × **2**	**2** × **10**	**3** × **8**
24	48	8	20	24
4 × **3**	**3** × **2**	**4** × **11**	**1** × **12**	**3** × **4**
12	6	44	12	12
2 × **3**	**4** × **8**	**4** × **7**	**1** × **4**	**3** × **6**
6	32	28	4	18
3 × **9**	**1** × **11**	**2** × **5**	**3** × **3**	**2** × **7**
27	11	10	9	14
2 × **2**	**1** × **10**	**2** × **9**	**1** × **5**	**1** × **2**
4	10	18	5	2
4 × **10**	**3** × **12**	**2** × **4**	**4** × **1**	**2** × **1**
40	36	8	4	2
2 × **6**	**2** × **11**	**4** × **5**	**3** × **11**	**1** × **6**
12	22	20	33	6
4 × **4**	**1** × **1**	**3** × **10**	**1** × **7**	**1** × **8**
16	1	30	7	8

2 × **9**	**4** × **11**	**1** × **12**	**2** × **4**	**2** × **6**
18	44	12	8	12
3 × **4**	**3** × **11**	**1** × **11**	**2** × **10**	**2** × **11**
12	33	11	20	22
4 × **3**	**1** × **5**	**2** × **7**	**3** × **1**	**2** × **12**
12	5	14	3	24
3 × **5**	**4** × **12**	**3** × **10**	**1** × **10**	**4** × **2**
15	48	30	10	8
1 × **4**	**4** × **4**	**3** × **7**	**4** × **10**	**3** × **9**
4	16	21	40	27
2 × **2**	**4** × **7**	**1** × **7**	**3** × **8**	**4** × **1**
4	28	7	24	4
2 × **5**	**1** × **3**	**3** × **2**	**4** × **6**	**4** × **5**
10	3	6	24	20
1 × **9**	**2** × **1**	**3** × **3**	**3** × **12**	**1** × **8**
9	2	9	36	8

2 × 10 = 20	3 × 6 = 18	1 × 9 = 9	2 × 11 = 22	2 × 6 = 12
2 × 9 = 18	4 × 7 = 28	4 × 9 = 36	4 × 4 = 16	3 × 2 = 6
3 × 10 = 30	1 × 12 = 12	2 × 12 = 24	3 × 1 = 3	1 × 4 = 4
3 × 3 = 9	4 × 5 = 20	3 × 9 = 27	4 × 2 = 8	3 × 7 = 21
1 × 7 = 7	3 × 5 = 15	2 × 8 = 16	3 × 12 = 36	3 × 8 = 24
4 × 8 = 32	2 × 4 = 8	2 × 7 = 14	1 × 2 = 2	1 × 8 = 8
4 × 3 = 12	1 × 1 = 1	2 × 1 = 2	3 × 11 = 33	1 × 5 = 5
4 × 10 = 40	4 × 1 = 4	1 × 6 = 6	1 × 3 = 3	4 × 11 = 44

4 × 10 = 40	1 × 7 = 7	1 × 5 = 5	4 × 11 = 44	3 × 6 = 18
4 × 1 = 4	1 × 10 = 10	3 × 12 = 36	2 × 7 = 14	4 × 5 = 20
4 × 2 = 8	1 × 4 = 4	1 × 8 = 8	3 × 3 = 9	2 × 10 = 20
2 × 8 = 16	1 × 11 = 11	3 × 11 = 33	2 × 1 = 2	2 × 5 = 10
3 × 4 = 12	4 × 7 = 28	4 × 3 = 12	4 × 6 = 24	3 × 1 = 3
1 × 2 = 2	1 × 9 = 9	3 × 10 = 30	1 × 12 = 12	3 × 7 = 21
2 × 12 = 24	2 × 11 = 22	1 × 3 = 3	1 × 6 = 6	2 × 9 = 18
1 × 1 = 1	4 × 4 = 16	3 × 9 = 27	4 × 9 = 36	2 × 6 = 12

4 × **4** = 16	**1** × **7** = 7	**1** × **8** = 8	**4** × **3** = 12	**4** × **11** = 44
2 × **4** = 8	**4** × **8** = 32	**3** × **8** = 24	**1** × **1** = 1	**1** × **11** = 11
2 × **8** = 16	**4** × **6** = 24	**1** × **3** = 3	**4** × **1** = 4	**4** × **12** = 48
3 × **2** = 6	**2** × **7** = 14	**1** × **2** = 2	**3** × **5** = 15	**2** × **5** = 10
2 × **6** = 12	**4** × **7** = 28	**3** × **11** = 33	**3** × **9** = 27	**2** × **2** = 4
4 × **9** = 36	**1** × **10** = 10	**2** × **11** = 22	**2** × **9** = 18	**3** × **1** = 3
4 × **10** = 40	**1** × **12** = 12	**2** × **10** = 20	**1** × **6** = 6	**4** × **5** = 20
2 × **1** = 2	**4** × **2** = 8	**3** × **10** = 30	**3** × **3** = 9	**1** × **4** = 4

1 × 6 = 6	2 × 5 = 10	4 × 7 = 28	2 × 3 = 6	3 × 10 = 30
2 × 6 = 12	4 × 8 = 32	1 × 1 = 1	1 × 11 = 11	3 × 7 = 21
2 × 8 = 16	2 × 10 = 20	4 × 12 = 48	1 × 10 = 10	4 × 9 = 36
3 × 11 = 33	1 × 9 = 9	2 × 4 = 8	3 × 9 = 27	2 × 12 = 24
2 × 1 = 2	4 × 6 = 24	4 × 11 = 44	2 × 9 = 18	1 × 12 = 12
4 × 10 = 40	4 × 2 = 8	4 × 1 = 4	3 × 8 = 24	3 × 4 = 12
1 × 2 = 2	3 × 1 = 3	1 × 5 = 5	3 × 12 = 36	3 × 3 = 9
2 × 11 = 22	1 × 4 = 4	4 × 5 = 20	3 × 5 = 15	2 × 2 = 4

2 × **12** = 24	**4** × **10** = 40	**3** × **7** = 21	**1** × **9** = 9	**1** × **8** = 8
3 × **12** = 36	**3** × **11** = 33	**3** × **9** = 27	**1** × **3** = 3	**4** × **1** = 4
3 × **5** = 15	**2** × **4** = 8	**3** × **8** = 24	**2** × **9** = 18	**1** × **5** = 5
1 × **11** = 11	**2** × **3** = 6	**3** × **6** = 18	**3** × **1** = 3	**2** × **5** = 10
2 × **6** = 12	**4** × **3** = 12	**2** × **1** = 2	**4** × **6** = 24	**4** × **5** = 20
3 × **4** = 12	**1** × **1** = 1	**3** × **3** = 9	**4** × **11** = 44	**2** × **11** = 22
1 × **4** = 4	**2** × **2** = 4	**1** × **10** = 10	**4** × **2** = 8	**4** × **4** = 16
4 × **9** = 36	**1** × **2** = 2	**1** × **12** = 12	**3** × **2** = 6	**3** × **10** = 30

3 × **6**	**1** × **12**	**3** × **3**	**3** × **7**	**1** × **5**
18	12	9	21	5
3 × **8**	**1** × **4**	**4** × **10**	**4** × **4**	**4** × **6**
24	4	40	16	24
2 × **3**	**2** × **5**	**4** × **8**	**4** × **11**	**3** × **9**
6	10	32	44	27
2 × **10**	**2** × **9**	**3** × **1**	**4** × **5**	**3** × **2**
20	18	3	20	6
2 × **8**	**4** × **3**	**4** × **7**	**1** × **10**	**1** × **3**
16	12	28	10	3
1 × **7**	**1** × **6**	**3** × **10**	**3** × **5**	**2** × **1**
7	6	30	15	2
2 × **7**	**2** × **6**	**1** × **8**	**1** × **11**	**1** × **9**
14	12	8	11	9
3 × **11**	**4** × **9**	**3** × **12**	**4** × **2**	**2** × **4**
33	36	36	8	8

mathcardo.com/cs

4 × **3** = 12	**2** × **9** = 18	**2** × **1** = 2	**3** × **9** = 27	**2** × **11** = 22
4 × **2** = 8	**1** × **12** = 12	**4** × **10** = 40	**4** × **7** = 28	**1** × **1** = 1
2 × **12** = 24	**2** × **7** = 14	**3** × **3** = 9	**4** × **6** = 24	**1** × **5** = 5
1 × **11** = 11	**4** × **8** = 32	**1** × **8** = 8	**2** × **3** = 6	**1** × **3** = 3
2 × **4** = 8	**2** × **5** = 10	**4** × **1** = 4	**1** × **2** = 2	**3** × **7** = 21
3 × **5** = 15	**1** × **4** = 4	**1** × **9** = 9	**3** × **11** = 33	**3** × **1** = 3
3 × **6** = 18	**3** × **10** = 30	**4** × **11** = 44	**4** × **9** = 36	**2** × **10** = 20
4 × **5** = 20	**1** × **10** = 10	**2** × **2** = 4	**3** × **12** = 36	**3** × **8** = 24

4 × **1** = 4	**4** × **10** = 40	**2** × **8** = 16	**2** × **2** = 4	**4** × **2** = 8
4 × **7** = 28	**1** × **10** = 10	**1** × **11** = 11	**3** × **7** = 21	**2** × **3** = 6
3 × **2** = 6	**1** × **2** = 2	**4** × **5** = 20	**1** × **6** = 6	**2** × **1** = 2
3 × **11** = 33	**4** × **12** = 48	**4** × **3** = 12	**2** × **7** = 14	**1** × **12** = 12
4 × **8** = 32	**2** × **6** = 12	**1** × **9** = 9	**1** × **7** = 7	**1** × **1** = 1
3 × **6** = 18	**2** × **12** = 24	**2** × **9** = 18	**3** × **12** = 36	**1** × **3** = 3
4 × **6** = 24	**4** × **9** = 36	**2** × **11** = 22	**3** × **4** = 12	**3** × **10** = 30
3 × **8** = 24	**1** × **5** = 5	**3** × **5** = 15	**3** × **9** = 27	**1** × **4** = 4

3 × 5 = 15	2 × 6 = 12	2 × 2 = 4	4 × 5 = 20	2 × 9 = 18
3 × 11 = 33	1 × 3 = 3	2 × 1 = 2	3 × 6 = 18	4 × 9 = 36
3 × 12 = 36	4 × 8 = 32	1 × 8 = 8	1 × 1 = 1	2 × 3 = 6
1 × 2 = 2	2 × 7 = 14	1 × 12 = 12	4 × 10 = 40	1 × 4 = 4
3 × 2 = 6	4 × 7 = 28	2 × 10 = 20	1 × 5 = 5	1 × 10 = 10
2 × 4 = 8	1 × 9 = 9	2 × 5 = 10	3 × 9 = 27	2 × 8 = 16
4 × 6 = 24	2 × 11 = 22	4 × 12 = 48	2 × 12 = 24	3 × 8 = 24
3 × 10 = 30	4 × 11 = 44	4 × 4 = 16	3 × 4 = 12	4 × 1 = 4

1 × 10 = 10	4 × 1 = 4	1 × 8 = 8	2 × 1 = 2	2 × 6 = 12
3 × 8 = 24	3 × 11 = 33	4 × 10 = 40	1 × 11 = 11	4 × 8 = 32
2 × 8 = 16	2 × 2 = 4	3 × 7 = 21	1 × 3 = 3	4 × 3 = 12
3 × 12 = 36	2 × 10 = 20	2 × 9 = 18	1 × 2 = 2	3 × 10 = 30
4 × 12 = 48	3 × 4 = 12	3 × 5 = 15	4 × 6 = 24	2 × 4 = 8
1 × 9 = 9	1 × 7 = 7	2 × 7 = 14	4 × 2 = 8	4 × 7 = 28
4 × 11 = 44	1 × 12 = 12	2 × 5 = 10	4 × 5 = 20	2 × 11 = 22
4 × 4 = 16	2 × 12 = 24	1 × 6 = 6	3 × 9 = 27	1 × 1 = 1

2 × **7**	**4** × **10**	**3** × **7**	**1** × **5**	**3** × **9**
14	40	21	5	27
2 × **5**	**3** × **11**	**3** × **2**	**4** × **7**	**1** × **1**
10	33	6	28	1
1 × **12**	**1** × **8**	**4** × **9**	**3** × **10**	**4** × **11**
12	8	36	30	44
3 × **5**	**3** × **1**	**1** × **3**	**4** × **2**	**2** × **9**
15	3	3	8	18
2 × **10**	**1** × **11**	**2** × **6**	**2** × **1**	**3** × **6**
20	11	12	2	18
3 × **12**	**2** × **2**	**1** × **7**	**3** × **8**	**3** × **3**
36	4	7	24	9
4 × **8**	**1** × **10**	**3** × **4**	**4** × **4**	**1** × **2**
32	10	12	16	2
2 × **8**	**2** × **3**	**4** × **6**	**1** × **9**	**4** × **1**
16	6	24	9	4

2 × **9**	**3** × **11**	**1** × **12**	**3** × **2**	**3** × **9**
18	33	12	6	27
1 × **2**	**2** × **2**	**2** × **5**	**1** × **11**	**2** × **12**
2	4	10	11	24
1 × **6**	**3** × **7**	**1** × **7**	**2** × **6**	**4** × **8**
6	21	7	12	32
1 × **1**	**4** × **12**	**3** × **8**	**4** × **3**	**3** × **4**
1	48	24	12	12
1 × **3**	**2** × **3**	**3** × **3**	**3** × **12**	**1** × **9**
3	6	9	36	9
2 × **4**	**4** × **9**	**1** × **4**	**4** × **6**	**3** × **10**
8	36	4	24	30
4 × **1**	**4** × **7**	**3** × **1**	**1** × **8**	**2** × **10**
4	28	3	8	20
4 × **10**	**3** × **5**	**2** × **7**	**2** × **8**	**2** × **11**
40	15	14	16	22

4 × **9**	**1** × **2**	**3** × **7**	**4** × **12**	**2** × **11**
36	2	21	48	22
4 × **5**	**2** × **10**	**2** × **12**	**4** × **7**	**1** × **9**
20	20	24	28	9
4 × **8**	**3** × **1**	**2** × **3**	**1** × **10**	**3** × **9**
32	3	6	10	27
3 × **11**	**3** × **5**	**1** × **11**	**3** × **12**	**4** × **6**
33	15	11	36	24
2 × **8**	**2** × **4**	**2** × **7**	**1** × **7**	**3** × **6**
16	8	14	7	18
2 × **1**	**2** × **2**	**3** × **3**	**3** × **10**	**4** × **2**
2	4	9	30	8
4 × **1**	**4** × **10**	**1** × **1**	**1** × **3**	**3** × **8**
4	40	1	3	24
4 × **4**	**4** × **11**	**1** × **6**	**1** × **4**	**1** × **12**
16	44	6	4	12

2 × **12** = 24	**2** × **1** = 2	**4** × **10** = 40	**3** × **9** = 27	**2** × **6** = 12
1 × **9** = 9	**4** × **8** = 32	**2** × **7** = 14	**4** × **4** = 16	**3** × **12** = 36
1 × **4** = 4	**4** × **7** = 28	**3** × **7** = 21	**4** × **2** = 8	**2** × **2** = 4
1 × **11** = 11	**4** × **3** = 12	**2** × **10** = 20	**2** × **11** = 22	**1** × **8** = 8
2 × **8** = 16	**1** × **2** = 2	**4** × **1** = 4	**1** × **7** = 7	**1** × **5** = 5
3 × **4** = 12	**2** × **4** = 8	**1** × **1** = 1	**2** × **9** = 18	**1** × **12** = 12
4 × **9** = 36	**4** × **11** = 44	**3** × **2** = 6	**3** × **5** = 15	**2** × **5** = 10
3 × **3** = 9	**1** × **10** = 10	**4** × **6** = 24	**1** × **3** = 3	**4** × **12** = 48

mathcardo.com/cs