12 × 8 = 96	12 × 7 = 84	12 × 5 = 60	12 × 10 = 120	12 × 3 = 36
12 × 12 = 144	12 × 4 = 48	12 × 9 = 108	12 × 2 = 24	12 × 1 = 12
12 × 11 = 132	12 × 6 = 72	12 × 8 = 96	12 × 7 = 84	12 × 5 = 60
12 × 10 = 120	12 × 12 = 144	12 × 4 = 48	12 × 9 = 108	12 × 3 = 36
12 × 1 = 12	12 × 2 = 24	12 × 11 = 132	12 × 6 = 72	12 × 7 = 84
12 × 8 = 96	12 × 5 = 60	12 × 12 = 144	12 × 10 = 120	12 × 4 = 48
12 × 3 = 36	12 × 9 = 108	12 × 1 = 12	12 × 2 = 24	12 × 11 = 132
12 × 6 = 72	12 × 8 = 96	12 × 7 = 84	12 × 5 = 60	12 × 12 = 144

12 × **12**	**12** × **2**	**12** × **8**	**12** × **4**	**12** × **11**
144	24	96	48	132
12 × **3**	**12** × **7**	**12** × **10**	**12** × **9**	**12** × **5**
36	84	120	108	60
12 × **6**	**12** × **1**	**12** × **2**	**12** × **8**	**12** × **4**
72	12	24	96	48
12 × **12**	**12** × **3**	**12** × **7**	**12** × **11**	**12** × **9**
144	36	84	132	108
12 × **10**	**12** × **6**	**12** × **1**	**12** × **2**	**12** × **8**
120	72	12	24	96
12 × **5**	**12** × **12**	**12** × **4**	**12** × **7**	**12** × **3**
60	144	48	84	36
12 × **9**	**12** × **11**	**12** × **6**	**12** × **10**	**12** × **1**
108	132	72	120	12
12 × **2**	**12** × **8**	**12** × **5**	**12** × **4**	**12** × **7**
24	96	60	48	84

12 × 11 = 132	12 × 6 = 72	12 × 8 = 96	12 × 1 = 12	12 × 9 = 108
12 × 5 = 60	12 × 7 = 84	12 × 2 = 24	12 × 12 = 144	12 × 4 = 48
12 × 10 = 120	12 × 3 = 36	12 × 6 = 72	12 × 11 = 132	12 × 8 = 96
12 × 9 = 108	12 × 5 = 60	12 × 1 = 12	12 × 2 = 24	12 × 7 = 84
12 × 4 = 48	12 × 12 = 144	12 × 10 = 120	12 × 3 = 36	12 × 6 = 72
12 × 8 = 96	12 × 11 = 132	12 × 9 = 108	12 × 1 = 12	12 × 2 = 24
12 × 7 = 84	12 × 5 = 60	12 × 4 = 48	12 × 12 = 144	12 × 10 = 120
12 × 3 = 36	12 × 8 = 96	12 × 6 = 72	12 × 11 = 132	12 × 9 = 108

12 × **11**	**12** × **9**	**12** × **1**	**12** × **2**	**12** × **5**
132	108	12	24	60
12 × **3**	**12** × **12**	**12** × **6**	**12** × **10**	**12** × **7**
36	144	72	120	84
12 × **8**	**12** × **4**	**12** × **9**	**12** × **1**	**12** × **2**
96	48	108	12	24
12 × **11**	**12** × **5**	**12** × **3**	**12** × **6**	**12** × **10**
132	60	36	72	120
12 × **12**	**12** × **8**	**12** × **4**	**12** × **9**	**12** × **7**
144	96	48	108	84
12 × **2**	**12** × **1**	**12** × **5**	**12** × **11**	**12** × **3**
24	12	60	132	36
12 × **6**	**12** × **12**	**12** × **10**	**12** × **4**	**12** × **9**
72	144	120	48	108
12 × **8**	**12** × **7**	**12** × **2**	**12** × **1**	**12** × **11**
96	84	24	12	132

12 × 8 = 96	12 × 11 = 132	12 × 3 = 36	12 × 9 = 108	12 × 1 = 12
12 × 6 = 72	12 × 10 = 120	12 × 4 = 48	12 × 12 = 144	12 × 2 = 24
12 × 7 = 84	12 × 5 = 60	12 × 11 = 132	12 × 8 = 96	12 × 3 = 36
12 × 1 = 12	12 × 9 = 108	12 × 6 = 72	12 × 4 = 48	12 × 12 = 144
12 × 2 = 24	12 × 7 = 84	12 × 10 = 120	12 × 11 = 132	12 × 5 = 60
12 × 8 = 96	12 × 1 = 12	12 × 3 = 36	12 × 6 = 72	12 × 4 = 48
12 × 9 = 108	12 × 2 = 24	12 × 12 = 144	12 × 10 = 120	12 × 11 = 132
12 × 7 = 84	12 × 8 = 96	12 × 1 = 12	12 × 3 = 36	12 × 5 = 60

12 × 5	12 × 3	12 × 9	12 × 8	12 × 4
60	36	108	96	48
12 × 7	12 × 1	12 × 11	12 × 10	12 × 2
84	12	132	120	24
12 × 12	12 × 6	12 × 5	12 × 3	12 × 8
144	72	60	36	96
12 × 9	12 × 7	12 × 1	12 × 4	12 × 11
108	84	12	48	132
12 × 10	12 × 2	12 × 6	12 × 5	12 × 12
120	24	72	60	144
12 × 8	12 × 9	12 × 3	12 × 1	12 × 7
96	108	36	12	84
12 × 4	12 × 11	12 × 2	12 × 6	12 × 10
48	132	24	72	120
12 × 5	12 × 12	12 × 8	12 × 9	12 × 3
60	144	96	108	36

12 × 6 = 72	12 × 12 = 144	12 × 9 = 108	12 × 3 = 36	12 × 4 = 48
12 × 10 = 120	12 × 11 = 132	12 × 1 = 12	12 × 5 = 60	12 × 7 = 84
12 × 8 = 96	12 × 2 = 24	12 × 12 = 144	12 × 6 = 72	12 × 9 = 108
12 × 4 = 48	12 × 3 = 36	12 × 11 = 132	12 × 1 = 12	12 × 10 = 120
12 × 7 = 84	12 × 5 = 60	12 × 8 = 96	12 × 12 = 144	12 × 6 = 72
12 × 2 = 24	12 × 4 = 48	12 × 3 = 36	12 × 9 = 108	12 × 11 = 132
12 × 1 = 12	12 × 7 = 84	12 × 10 = 120	12 × 5 = 60	12 × 8 = 96
12 × 6 = 72	12 × 2 = 24	12 × 4 = 48	12 × 12 = 144	12 × 9 = 108

12 × 9	**12 × 10**	**12 × 8**	**12 × 2**	**12 × 3**
108	120	96	24	36
12 × 7	**12 × 12**	**12 × 1**	**12 × 6**	**12 × 4**
84	144	12	72	48
12 × 5	**12 × 11**	**12 × 10**	**12 × 8**	**12 × 9**
60	132	120	96	108
12 × 2	**12 × 3**	**12 × 7**	**12 × 12**	**12 × 6**
24	36	84	144	72
12 × 4	**12 × 5**	**12 × 11**	**12 × 10**	**12 × 1**
48	60	132	120	12
12 × 9	**12 × 8**	**12 × 2**	**12 × 3**	**12 × 12**
108	96	24	36	144
12 × 7	**12 × 6**	**12 × 5**	**12 × 11**	**12 × 4**
84	72	60	132	48
12 × 10	**12 × 1**	**12 × 9**	**12 × 8**	**12 × 3**
120	12	108	96	36

12 × 10 = 120	12 × 3 = 36	12 × 6 = 72	12 × 12 = 144	12 × 4 = 48
12 × 11 = 132	12 × 1 = 12	12 × 9 = 108	12 × 7 = 84	12 × 8 = 96
12 × 5 = 60	12 × 2 = 24	12 × 3 = 36	12 × 6 = 72	12 × 12 = 144
12 × 4 = 48	12 × 10 = 120	12 × 11 = 132	12 × 1 = 12	12 × 9 = 108
12 × 7 = 84	12 × 5 = 60	12 × 8 = 96	12 × 2 = 24	12 × 3 = 36
12 × 12 = 144	12 × 4 = 48	12 × 10 = 120	12 × 6 = 72	12 × 11 = 132
12 × 1 = 12	12 × 7 = 84	12 × 9 = 108	12 × 5 = 60	12 × 8 = 96
12 × 2 = 24	12 × 12 = 144	12 × 4 = 48	12 × 10 = 120	12 × 6 = 72

12 × **11** = 132	**12** × **8** = 96	**12** × **1** = 12	**12** × **3** = 36	**12** × **7** = 84
12 × **5** = 60	**12** × **10** = 120	**12** × **4** = 48	**12** × **12** = 144	**12** × **9** = 108
12 × **2** = 24	**12** × **6** = 72	**12** × **11** = 132	**12** × **8** = 96	**12** × **1** = 12
12 × **7** = 84	**12** × **3** = 36	**12** × **10** = 120	**12** × **4** = 48	**12** × **5** = 60
12 × **12** = 144	**12** × **2** = 24	**12** × **6** = 72	**12** × **11** = 132	**12** × **9** = 108
12 × **8** = 96	**12** × **1** = 12	**12** × **7** = 84	**12** × **3** = 36	**12** × **10** = 120
12 × **4** = 48	**12** × **5** = 60	**12** × **2** = 24	**12** × **6** = 72	**12** × **12** = 144
12 × **11** = 132	**12** × **9** = 108	**12** × **1** = 12	**12** × **7** = 84	**12** × **8** = 96

12 × 1	**12 × 10**	**12 × 5**	**12 × 9**	**12 × 8**
12	120	60	108	96
12 × 11	**12 × 3**	**12 × 12**	**12 × 6**	**12 × 4**
132	36	144	72	48
12 × 7	**12 × 2**	**12 × 10**	**12 × 1**	**12 × 9**
84	24	120	12	108
12 × 8	**12 × 5**	**12 × 11**	**12 × 12**	**12 × 3**
96	60	132	144	36
12 × 4	**12 × 7**	**12 × 6**	**12 × 10**	**12 × 1**
48	84	72	120	12
12 × 9	**12 × 8**	**12 × 5**	**12 × 2**	**12 × 11**
108	96	60	24	132
12 × 12	**12 × 3**	**12 × 4**	**12 × 7**	**12 × 10**
144	36	48	84	120
12 × 6	**12 × 1**	**12 × 8**	**12 × 5**	**12 × 9**
72	12	96	60	108

12 × 9	12 × 7	12 × 8	12 × 4	12 × 3
108	84	96	48	36
12 × 1	12 × 2	12 × 5	12 × 11	12 × 10
12	24	60	132	120
12 × 6	12 × 12	12 × 9	12 × 8	12 × 7
72	144	108	96	84
12 × 4	12 × 1	12 × 2	12 × 3	12 × 11
48	12	24	36	132
12 × 10	12 × 6	12 × 12	12 × 9	12 × 8
120	72	144	108	96
12 × 5	12 × 4	12 × 1	12 × 2	12 × 7
60	48	12	24	84
12 × 3	12 × 11	12 × 10	12 × 12	12 × 6
36	132	120	144	72
12 × 8	12 × 5	12 × 9	12 × 1	12 × 4
96	60	108	12	48

12 × 2	12 × 3	12 × 1	12 × 8	12 × 12
24	36	12	96	144
12 × 7	12 × 11	12 × 6	12 × 5	12 × 10
84	132	72	60	120
12 × 9	12 × 4	12 × 2	12 × 3	12 × 1
108	48	24	36	12
12 × 12	12 × 7	12 × 8	12 × 11	12 × 6
144	84	96	132	72
12 × 5	12 × 10	12 × 9	12 × 4	12 × 2
60	120	108	48	24
12 × 3	12 × 12	12 × 1	12 × 8	12 × 7
36	144	12	96	84
12 × 6	12 × 11	12 × 10	12 × 9	12 × 4
72	132	120	108	48
12 × 5	12 × 2	12 × 12	12 × 3	12 × 1
60	24	144	36	12

12 × **11**	**12** × **10**	**12** × **12**	**12** × **5**	**12** × **4**
132	120	144	60	48
12 × **8**	**12** × **3**	**12** × **6**	**12** × **2**	**12** × **1**
96	36	72	24	12
12 × **7**	**12** × **9**	**12** × **11**	**12** × **10**	**12** × **5**
84	108	132	120	60
12 × **4**	**12** × **8**	**12** × **12**	**12** × **6**	**12** × **2**
48	96	144	72	24
12 × **3**	**12** × **1**	**12** × **9**	**12** × **11**	**12** × **10**
36	12	108	132	120
12 × **5**	**12** × **4**	**12** × **8**	**12** × **12**	**12** × **7**
60	48	96	144	84
12 × **6**	**12** × **3**	**12** × **1**	**12** × **9**	**12** × **2**
72	36	12	108	24
12 × **11**	**12** × **10**	**12** × **5**	**12** × **4**	**12** × **8**
132	120	60	48	96

12 × 9	**12 × 1**	**12 × 8**	**12 × 7**	**12 × 2**
108	12	96	84	24
12 × 4	**12 × 3**	**12 × 12**	**12 × 6**	**12 × 11**
48	36	144	72	132
12 × 10	**12 × 5**	**12 × 9**	**12 × 8**	**12 × 1**
120	60	108	96	12
12 × 2	**12 × 7**	**12 × 3**	**12 × 12**	**12 × 4**
24	84	36	144	48
12 × 11	**12 × 6**	**12 × 5**	**12 × 10**	**12 × 9**
132	72	60	120	108
12 × 8	**12 × 2**	**12 × 7**	**12 × 1**	**12 × 3**
96	24	84	12	36
12 × 4	**12 × 11**	**12 × 12**	**12 × 6**	**12 × 5**
48	132	144	72	60
12 × 10	**12 × 9**	**12 × 2**	**12 × 8**	**12 × 7**
120	108	24	96	84

12 × 7 = 84	12 × 8 = 96	12 × 5 = 60	12 × 11 = 132	12 × 1 = 12
12 × 10 = 120	12 × 12 = 144	12 × 6 = 72	12 × 3 = 36	12 × 2 = 24
12 × 9 = 108	12 × 4 = 48	12 × 7 = 84	12 × 8 = 96	12 × 11 = 132
12 × 1 = 12	12 × 5 = 60	12 × 10 = 120	12 × 6 = 72	12 × 12 = 144
12 × 3 = 36	12 × 2 = 24	12 × 9 = 108	12 × 7 = 84	12 × 8 = 96
12 × 11 = 132	12 × 4 = 48	12 × 1 = 12	12 × 5 = 60	12 × 6 = 72
12 × 10 = 120	12 × 3 = 36	12 × 12 = 144	12 × 9 = 108	12 × 2 = 24
12 × 8 = 96	12 × 11 = 132	12 × 7 = 84	12 × 4 = 48	12 × 5 = 60

12 × 8 = 96	12 × 2 = 24	12 × 4 = 48	12 × 1 = 12	12 × 12 = 144
12 × 6 = 72	12 × 10 = 120	12 × 7 = 84	12 × 11 = 132	12 × 3 = 36
12 × 5 = 60	12 × 9 = 108	12 × 2 = 24	12 × 8 = 96	12 × 4 = 48
12 × 1 = 12	12 × 6 = 72	12 × 10 = 120	12 × 12 = 144	12 × 11 = 132
12 × 3 = 36	12 × 7 = 84	12 × 5 = 60	12 × 9 = 108	12 × 8 = 96
12 × 2 = 24	12 × 4 = 48	12 × 6 = 72	12 × 1 = 12	12 × 12 = 144
12 × 11 = 132	12 × 3 = 36	12 × 10 = 120	12 × 7 = 84	12 × 9 = 108
12 × 5 = 60	12 × 2 = 24	12 × 8 = 96	12 × 6 = 72	12 × 4 = 48

12 × 2	12 × 12	12 × 3	12 × 11	12 × 4
24	144	36	132	48
12 × 9	12 × 8	12 × 6	12 × 7	12 × 1
108	96	72	84	12
12 × 5	12 × 10	12 × 12	12 × 3	12 × 11
60	120	144	36	132
12 × 4	12 × 9	12 × 2	12 × 6	12 × 8
48	108	24	72	96
12 × 7	12 × 1	12 × 5	12 × 12	12 × 3
84	12	60	144	36
12 × 10	12 × 11	12 × 4	12 × 9	12 × 6
120	132	48	108	72
12 × 8	12 × 2	12 × 7	12 × 5	12 × 12
96	24	84	60	144
12 × 3	12 × 1	12 × 10	12 × 4	12 × 9
36	12	120	48	108

12 × **11**	**12** × **10**	**12** × **8**	**12** × **1**	**12** × **12**
132	120	96	12	144
12 × **5**	**12** × **2**	**12** × **7**	**12** × **4**	**12** × **9**
60	24	84	48	108
12 × **6**	**12** × **3**	**12** × **11**	**12** × **10**	**12** × **1**
72	36	132	120	12
12 × **12**	**12** × **5**	**12** × **8**	**12** × **7**	**12** × **2**
144	60	96	84	24
12 × **4**	**12** × **6**	**12** × **3**	**12** × **11**	**12** × **10**
48	72	36	132	120
12 × **1**	**12** × **9**	**12** × **5**	**12** × **12**	**12** × **7**
12	108	60	144	84
12 × **8**	**12** × **2**	**12** × **6**	**12** × **3**	**12** × **11**
96	24	72	36	132
12 × **4**	**12** × **1**	**12** × **10**	**12** × **9**	**12** × **5**
48	12	120	108	60

12 × **10**	**12** × **5**	**12** × **4**	**12** × **3**	**12** × **9**
120	60	48	36	108
12 × **11**	**12** × **2**	**12** × **1**	**12** × **6**	**12** × **12**
132	24	12	72	144
12 × **7**	**12** × **8**	**12** × **5**	**12** × **4**	**12** × **10**
84	96	60	48	120
12 × **3**	**12** × **11**	**12** × **2**	**12** × **9**	**12** × **1**
36	132	24	108	12
12 × **12**	**12** × **6**	**12** × **8**	**12** × **5**	**12** × **7**
144	72	96	60	84
12 × **10**	**12** × **4**	**12** × **11**	**12** × **2**	**12** × **3**
120	48	132	24	36
12 × **1**	**12** × **12**	**12** × **6**	**12** × **9**	**12** × **5**
12	144	72	108	60
12 × **7**	**12** × **8**	**12** × **10**	**12** × **11**	**12** × **4**
84	96	120	132	48

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