

Factor pairs

Write every factor pair of each number. Start with 1 and stop when the pairs turn round.

Name _____ Date _____

1. **70** _____

2. **31** _____

3. **98** _____

4. **12** _____

5. **64** _____

6. **20** _____

7. **90** _____

8. **40** _____

9. **84** _____

10. **48** _____

11. **66** _____

12. **78** _____

Factor pairs: answer key

Each answer in colour, and under it why.

1. **70: 1×70 , 2×35 , 5×14 , 7×10**
Factors: 1, 2, 5, 7, 10, 14, 35, 70
2. **31: 1×31**
31 is prime: its only pair is 1×31
3. **98: 1×98 , 2×49 , 7×14**
Factors: 1, 2, 7, 14, 49, 98
4. **12: 1×12 , 2×6 , 3×4**
Factors: 1, 2, 3, 4, 6, 12
5. **64: 1×64 , 2×32 , 4×16 , 8×8**
 8×8 is one pair, written once
6. **20: 1×20 , 2×10 , 4×5**
Factors: 1, 2, 4, 5, 10, 20
7. **90: 1×90 , 2×45 , 3×30 , 5×18 , 6×15 , 9×10**
Factors: 1, 2, 3, 5, 6, 9, 10, 15, 18, 30, 45, 90
8. **40: 1×40 , 2×20 , 4×10 , 5×8**
Factors: 1, 2, 4, 5, 8, 10, 20, 40
9. **84: 1×84 , 2×42 , 3×28 , 4×21 , 6×14 , 7×12**
Factors: 1, 2, 3, 4, 6, 7, 12, 14, 21, 28, 42, 84
10. **48: 1×48 , 2×24 , 3×16 , 4×12 , 6×8**
Factors: 1, 2, 3, 4, 6, 8, 12, 16, 24, 48
11. **66: 1×66 , 2×33 , 3×22 , 6×11**
Factors: 1, 2, 3, 6, 11, 22, 33, 66
12. **78: 1×78 , 2×39 , 3×26 , 6×13**
Factors: 1, 2, 3, 6, 13, 26, 39, 78