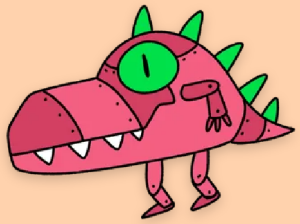
MATH WORKSHEET · GRADE 4 · MULTIPLICATION

Factor Pairs



Find every pair of numbers that multiply to make the number. Is it prime (one pair) or composite?

Name: _____ **Date:** _____

Number	Factor pairs	Prime or composite?
54		
28		
12		
45		
53		
23		
56		
16		
32		
19		

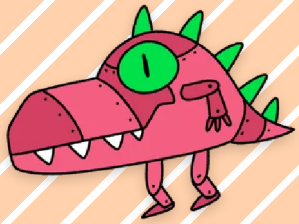
Start with 1 × the number, then try 2, 3, 4… Stop when the pairs start to repeat.

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ANSWER KEY · MULTIPLICATION · FOR GROWN-UPS

Answer Key: Factor Pairs

Find every pair of numbers that multiply to make the number. Is it prime (one pair) or composite?



Number	Factor pairs	Prime or composite?
54	1 × 54, 2 × 27, 3 × 18, 6 × 9	composite
28	1 × 28, 2 × 14, 4 × 7	composite
12	1 × 12, 2 × 6, 3 × 4	composite
45	1 × 45, 3 × 15, 5 × 9	composite
53	1 × 53	prime
23	1 × 23	prime
56	1 × 56, 2 × 28, 4 × 14, 7 × 8	composite
16	1 × 16, 2 × 8, 4 × 4	composite
32	1 × 32, 2 × 16, 4 × 8	composite
19	1 × 19	prime

Start with 1 × the number, then try 2, 3, 4… Stop when the pairs start to repeat.

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