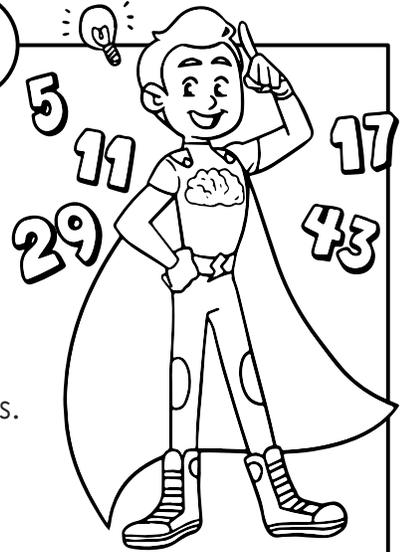Name: _____

Prime and Composite

Factors are the numbers you multiply to get another number.

Prime numbers are the numbers that have only two factors.

What are the factors of 3?   1 and 3

Because 3 has only two factors, it is a prime number.

Composite numbers are the numbers that have more than two factors.

What are the factors of 6?   1, 2, 3, and 6

Because 6 has more than two factors, it is a composite number.

Complete the table.

Number	List of Factors	Prime or Composite
10		
5		
12		
18		
41		
15		
2		
49		
73		
33		
21		

ANSWER KEY

Prime and Composite

Factors are the numbers you multiply to get another number.

Prime numbers are the numbers that have only two factors.
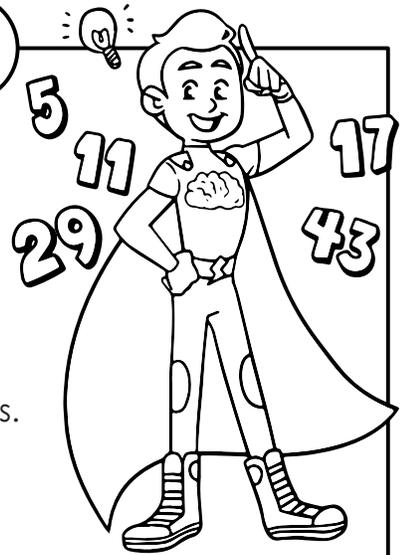
What are the factors of 3?   1 and 3

Because 3 has only two factors, it is a prime number.

Composite numbers are the numbers that have more than two factors.

What are the factors of 6?   1, 2, 3, and 6

Because 6 has more than two factors, it is a composite number.

Complete the table.

Number	List of Factors	Prime or Composite
10	1, 2, 5, and 10	Composite
5	1 and 5	Prime
12	1, 2, 3, 4, 6, and 12	Composite
18	1, 2, 3, 6, 9, and 18	Composite
41	1 and 41	Prime
15	1, 3, 5, and 15	Composite
2	1 and 2	Prime
49	1, 7, and 49	Composite
73	1 and 73	Prime
33	1, 3, 11, and 33	Composite
21	1, 3, 7, and 21	Composite