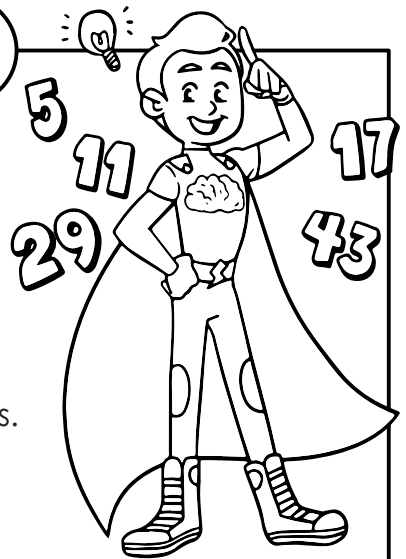


Name: \_\_\_\_\_

# 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.

c. List all of the factors for the number 9.

A banner featuring a superhero character on the left and the text "Preview" in large red letters on the right. Below "Preview" is the text "Please log in to download the printable version of this worksheet." in a smaller font.

c. List all of the factors for the number 19.

Is **19** a prime or composite number?

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d. List all of the factors for the number 37.

Is **37** a prime or composite number?

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e. List all of the factors for the number 9.

Is **9** a prime or composite number?

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f. List all of the factors for the number 13.

Is **13** a prime or composite number?

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# 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.

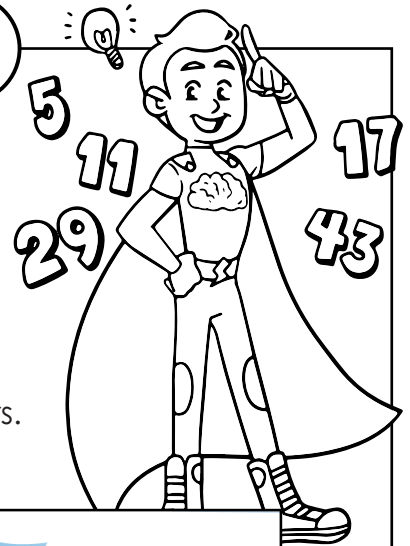
What are the factors of 3?      1 and 3

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.



a.

# Preview

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the printable version of this worksheet.

b.

c.

d.

e.



f. List all of the factors for the number **13**.

1 and 13

Is **13** a prime or composite number?

prime