

Max the Monkey's Factors and Multiples Flashcards

Learning objective: To identify, describe and represent factors and multiples, including finding all factor pairs of a number and common factors.

Read the front of the card to test your knowledge. Flip to the back to check your answer. Max the Monkey has helped create these cards to help you become a math expert!

What is a factor?

A number that divides exactly into another number without leaving a remainder.

List all the factor pairs of 12.

1 and 12, 2 and 6, 3 and 4.

What is a multiple?

A number that is the product of a given number and another whole number (e.g., 10 is a multiple of 2).

Is 24 a multiple of 6?

Yes, because 6 multiplied by 4 equals 24.

Name the first four multiples of 7.

7, 14, 21, 28.

What is a common factor of 8 and 12?

1, 2, or 4 are all common factors.

Which of these is a prime number: 9, 11, or 15?

11 (it only has two factors: 1 and itself).

Find the factor pairs of 20.

1 and 20, 2 and 10, 4 and 5.

True or False: 30 is a multiple of 5.

True, because $5 \times 6 = 30$.

List the factors of 9.

1, 3, and 9.

What is the smallest prime number?

2.

Max has 15 bananas. Can he share them equally into groups of 4 without any left over?

No, because 15 is not a multiple of 4.