The Geometric Mean of Two Numbers

Name _____

Date _____ Period _____

The geometric mean of a and b is the positive number x such that...

$$\frac{a}{x} = \frac{x}{b}$$

The geometric mean of a and b is square root of the product of a and b...

Find the geometric mean between the following numbers

3 and 12

1 and 9

4 and 16

The geometric mean of a and b is square root of the product of a and b...

$$x = \sqrt{a \cdot b}$$

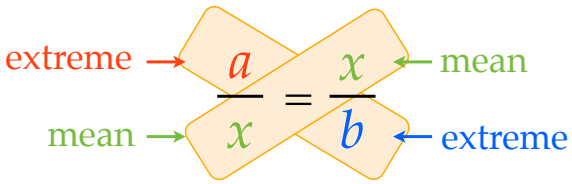
Find the geometric mean between the following numbers

5 and 10 3 and 16 3 and 15

The geometric mean of a and b is square root of the product of a and b...

$$x = \sqrt{a \cdot b}$$

The geometric mean of a and b is the positive number x such that...



$$a \cdot b = x^2$$

$$\sqrt{a \cdot b} = x$$

The geometric mean of a and b is square root of the product of a and b...

$$x = \sqrt{a \cdot b}$$