

# Geometric Mean

6.4

# The Geometric Mean

- The geometric mean of two positive numbers  $a$  and  $b$  is the positive number  $x$  such that

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

# Examples

Find the geometric mean between  
4 and 16

Find the geometric mean between  
3 and 5

# Examples

Find the geometric mean between  
4 and 5

Find the geometric mean between  
11 and 8