

Questions On Inverse Proportion 2



1.

y is inversely proportional to x .

When $y = 9$, $x = 4$. Find the value of y when $x = 72$

2.

p is inversely proportional to q .

When $p = 5$, $q = 5$. Find the value of p when $q = 4$

3.

c is inversely proportional to d .

When $c = 6$, $d = 0.2$. Find the value of c when $d = 5$

4.

s is inversely proportional to t .

When $s = 12$, $t = 8$. What is the value of t when $s = 42$

5.

e is inversely proportional to f .

When $e = 10$, $f = 9$. What is the value of f when $e = 1.5$

6.

m is inversely proportional to n .

When $m = 25$, $n = 6$. What is the value of n when $m = 8$

7.

y is inversely proportional to the square of x .

When $y = 6$, $x = 5$. Find the value of y when $x = 0.4$

8.

a is inversely proportional to the square root of b .

When $a = 33$, $b = 0.49$. Find the value of a when $b = 1.44$

9.

p is inversely proportional to the cube of q .

When $p = 6$, $q = 2$. Find the value of q when $p = 40$ (*to 3 sf*)

Starters by Cazoomy

www.cazoomy.com

Colourful maths worksheets

