

Inverse proportion: $y = k/x$

Exit ticket **ANSWERS** Name _____

- 1 y is inversely proportional to x . When $x = 4$, $y = 15$.
Find y when $x = 6$.

$$y = \underline{10}$$

- 2 y is inversely proportional to x . When $x = 2$, $y = 18$.
Find x when $y = 8$.

$$x = \underline{4.5}$$

- 3 The time to fill a tank is inversely proportional to the number of pipes. 4 pipes take 45 minutes.
How many pipes fill it in 30 minutes?

6 pipes

The Maths Habit

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