Constant of Proportionality · 1

A car travels 32 miles on 4 gallons of gas. The relationship is proportional. What is the constant of proportionality in miles per gallon?

Constant of Proportionality · 2

The equation 9y = 6x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 3

A recipe uses 3 cups of flour for 5 batches. The relationship is proportional. What is the constant of proportionality in cups per batch?

Constant of Proportionality · 4

The equation 25y = 10x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 5

A recipe uses 32 cups of flour for 4 batches. The relationship is proportional. What is the constant of proportionality in cups per batch?

Constant of Proportionality · 6

The equation 12y = 30x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 7

A faucet fills 10 liters in 6 minutes. The relationship is proportional. What is the constant of proportionality in liters per minute?

Constant of Proportionality · 8

The equation 10y = 35x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 2

ANSWER

$\frac{2}{3}$

Constant of Proportionality · 1

ANSWER

8

Constant of Proportionality · 4

ANSWER

$\frac{2}{5}$

Constant of Proportionality · 3

ANSWER

$\frac{3}{5}$

Constant of Proportionality · 6

ANSWER

$\frac{5}{2}$

Constant of Proportionality · 5

ANSWER

8

Constant of Proportionality · 8

ANSWER

$\frac{7}{2}$

Constant of Proportionality · 7

ANSWER

$\frac{5}{3}$

Constant of Proportionality · 9

A plant grows 60 centimeters in 6 weeks. The relationship is proportional. What is the constant of proportionality in centimeters per week?

Constant of Proportionality · 10

The equation 4y = 8x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 11

A recipe uses 12 cups of flour for 2 batches. The relationship is proportional. What is the constant of proportionality in cups per batch?

Constant of Proportionality · 12

The equation 6y = 10x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 13

A recipe uses 21 cups of flour for 3 batches. The relationship is proportional. What is the constant of proportionality in cups per batch?

Constant of Proportionality · 14

The equation 24y = 30x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 15

A printer prints 35 pages in 7 minutes. The relationship is proportional. What is the constant of proportionality in pages per minute?

Constant of Proportionality · 16

The equation 10y = 25x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 10

ANSWER

2

Constant of Proportionality · 9

ANSWER

10

Constant of Proportionality · 12

ANSWER

$$\frac{5}{3}$$

Constant of Proportionality · 11

ANSWER

6

Constant of Proportionality · 14

ANSWER

$$\frac{5}{4}$$

Constant of Proportionality · 13

ANSWER

7

Constant of Proportionality · 16

ANSWER

$$\frac{5}{2}$$

Constant of Proportionality · 15

ANSWER

5

Constant of Proportionality · 17

24 inches of snow fell in 18 hours. The relationship is proportional. What is the constant of proportionality in inches per hour?

Constant of Proportionality · 18

The equation 24y = 18x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 19

6 inches of snow fell in 15 hours. The relationship is proportional. What is the constant of proportionality in inches per hour?

Constant of Proportionality · 20

The equation 4y = 32x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 21

A plant grows 14 centimeters in 2 weeks. The relationship is proportional. What is the constant of proportionality in centimeters per week?

Constant of Proportionality · 22

The equation 16y = 20x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 23

A recipe uses 12 cups of flour for 16 batches. The relationship is proportional. What is the constant of proportionality in cups per batch?

Constant of Proportionality · 24

The equation 4y = 36x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 18

ANSWER

$\frac{3}{4}$

Constant of Proportionality · 17

ANSWER

$\frac{4}{3}$

Constant of Proportionality · 20

ANSWER

8

Constant of Proportionality · 19

ANSWER

$\frac{2}{5}$

Constant of Proportionality · 22

ANSWER

$\frac{5}{4}$

Constant of Proportionality · 21

ANSWER

7

Constant of Proportionality · 24

ANSWER

9

Constant of Proportionality · 23

ANSWER

$\frac{3}{4}$