Constant of Proportionality · 1

A recipe uses 4 cups of flour for 8 batches. The relationship is proportional. What is the constant of proportionality in cups per batch?

Constant of Proportionality · 2

The equation 4y = 2x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 3

A printer prints 6 pages in 4 minutes. The relationship is proportional. What is the constant of proportionality in pages per minute?

Constant of Proportionality · 4

The equation 6y = 36x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 5

60 inches of snow fell in 5 hours. The relationship is proportional. What is the constant of proportionality in inches per hour?

Constant of Proportionality · 6

The equation 12y = 6x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 7

A plant grows 6 centimeters in 24 weeks. The relationship is proportional. What is the constant of proportionality in centimeters per week?

Constant of Proportionality · 8

The equation 12y = 4x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 2

ANSWER

$\frac{1}{2}$

Constant of Proportionality · 1

ANSWER

$\frac{1}{2}$

Constant of Proportionality · 4

ANSWER

6

Constant of Proportionality · 3

ANSWER

$\frac{3}{2}$

Constant of Proportionality · 6

ANSWER

$\frac{1}{2}$

Constant of Proportionality · 5

ANSWER

12

Constant of Proportionality · 8

ANSWER

$\frac{1}{3}$

Constant of Proportionality · 7

ANSWER

$\frac{1}{4}$

Constant of Proportionality · 9

A hiker walks 4 kilometers in 6 hours. The relationship is proportional. What is the constant of proportionality in kilometers per hour?

Constant of Proportionality · 10

The equation 15y = 9x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 11

A hiker walks 49 kilometers in 14 hours. The relationship is proportional. What is the constant of proportionality in kilometers per hour?

Constant of Proportionality · 12

The equation 12y = 20x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 13

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

Constant of Proportionality · 14

The equation 5y = 40x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 15

A plant grows 6 centimeters in 9 weeks. The relationship is proportional. What is the constant of proportionality in centimeters per week?

Constant of Proportionality · 16

The equation 6y = 3x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 10

ANSWER

$\frac{3}{5}$

Constant of Proportionality · 9

ANSWER

$\frac{2}{3}$

Constant of Proportionality · 12

ANSWER

$\frac{5}{3}$

Constant of Proportionality · 11

ANSWER

$\frac{7}{2}$

Constant of Proportionality · 14

ANSWER

8

Constant of Proportionality · 13

ANSWER

$\frac{1}{3}$

Constant of Proportionality · 16

ANSWER

$\frac{1}{2}$

Constant of Proportionality · 15

ANSWER

$\frac{2}{3}$

Constant of Proportionality · 17

A hiker walks 21 kilometers in 7 hours. The relationship is proportional. What is the constant of proportionality in kilometers per hour?

Constant of Proportionality · 18

The equation 24y = 6x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 19

A car travels 18 miles on 12 gallons of gas. The relationship is proportional. What is the constant of proportionality in miles per gallon?

Constant of Proportionality · 20

The equation 10y = 5x shows a proportional relationship. What is the constant of proportionality k?

Constant of Proportionality · 21

A hiker walks 12 kilometers in 3 hours. The relationship is proportional. What is the constant of proportionality in kilometers per hour?

Constant of Proportionality · 22

A car travels 20 miles on 15 gallons of gas. The relationship is proportional. What is the constant of proportionality in miles per gallon?

Constant of Proportionality · 23

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

Constant of Proportionality · 24

A recipe uses 27 cups of flour for 3 batches. The relationship is proportional. What is the constant of proportionality in cups per batch?

Constant of Proportionality · 18

ANSWER

$\frac{1}{4}$

Constant of Proportionality · 17

ANSWER

3

Constant of Proportionality · 20

ANSWER

$\frac{1}{2}$

Constant of Proportionality · 19

ANSWER

$\frac{3}{2}$

Constant of Proportionality · 22

ANSWER

$\frac{4}{3}$

Constant of Proportionality · 21

ANSWER

4

Constant of Proportionality · 24

ANSWER

9

Constant of Proportionality · 23

ANSWER

$\frac{5}{2}$