Task card 1 Constant of Proportionality

A printer prints 10 pages in 2 minutes. The relationship is proportional. What is the constant of proportionality in pages per minute?

Task card 2 Constant of Proportionality

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

Task card 3 Constant of Proportionality

A car travels 6 miles on 2 gallons of gas. The relationship is proportional. What is the constant of proportionality in miles per gallon?

Task card 4 Constant of Proportionality

The equation 3y = 24x shows a proportional relationship. What is the constant of proportionality k?

Task card 5 Constant of Proportionality

A car travels 22 miles on 2 gallons of gas. The relationship is proportional. What is the constant of proportionality in miles per gallon?

Task card 6 Constant of Proportionality

The equation 3y = 21x shows a proportional relationship. What is the constant of proportionality k?

Task card 7 Constant of Proportionality

A hiker walks 6 kilometers in 3 hours. The relationship is proportional. What is the constant of proportionality in kilometers per hour?

Task card 8 Constant of Proportionality

The equation 3y = 18x shows a proportional relationship. What is the constant of proportionality k?

Task card 9 Constant of Proportionality

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

Task card 10 Constant of Proportionality

A hiker walks 33 kilometers in 3 hours. The relationship is proportional. What is the constant of proportionality in kilometers per hour?

Task card 11 Constant of Proportionality

The equation 3y = 9x shows a proportional relationship. What is the constant of proportionality k?

Task card 12 Constant of Proportionality

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

Task card 13 Constant of Proportionality

The equation 3y = 15x shows a proportional relationship. What is the constant of proportionality k?

Task card 14 Constant of Proportionality

A recipe uses 20 cups of flour for 2 batches. The relationship is proportional. What is the constant of proportionality in cups per batch?

Task card 15 Constant of Proportionality

The equation 2y = 6x shows a proportional relationship. What is the constant of proportionality k?

Task card 16 Constant of Proportionality

A faucet fills 32 liters in 4 minutes. The relationship is proportional. What is the constant of proportionality in liters per minute?

Task card 17 Constant of Proportionality

16 inches of snow fell in 4 hours. The relationship is proportional. What is the constant of proportionality in inches per hour?

Task card 18 Constant of Proportionality

The equation 2y = 8x shows a proportional relationship. What is the constant of proportionality k?

Task card 19 Constant of Proportionality

A hiker walks 20 kilometers in 5 hours. The relationship is proportional. What is the constant of proportionality in kilometers per hour?

Task card 20 Constant of Proportionality

The equation 12y = 8x shows a proportional relationship. What is the constant of proportionality k?

Task card 21 Constant of Proportionality

A car travels 9 miles on 6 gallons of gas. The relationship is proportional. What is the constant of proportionality in miles per gallon?

Task card 22 Constant of Proportionality

The equation 16y = 4x shows a proportional relationship. What is the constant of proportionality k?

Task card 23 Constant of Proportionality

A plant grows 20 centimeters in 2 weeks. The relationship is proportional. What is the constant of proportionality in centimeters per week?

Task card 24 Constant of Proportionality

A hiker walks 14 kilometers in 2 hours. The relationship is proportional. What is the constant of proportionality in kilometers per hour?

Constant of Proportionality Task Cards

Recording sheet · Grade 7 · Find the constant of proportionality k in y = kx. Write k as a whole number or a fraction in simplest form.

Name: _____ Date: _____

Scan to check your answers

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Constant of Proportionality Task Cards: Answer Key

Grade 7 · Easy

The answers online

1. 5	**2.** 2	**3.** 3
4. 8	**5.** 11	**6.** 7
7. 2	**8.** 6	**9.** $\frac{3}{2}$
10. 11	**11.** 3	**12.** 5
13. 5	**14.** 10	**15.** 3
16. 8	**17.** 4	**18.** 4
19. 4	**20.** $\frac{2}{3}$	**21.** $\frac{3}{2}$
22. $\frac{1}{4}$	**23.** 10	**24.** 7