Task card 1 Solving Proportions

$$\frac{42}{12} = \frac{56}{x}$$

Task card 2 Solving Proportions

$$\frac{x}{7} = \frac{14}{4}$$

Task card 3 Solving Proportions

Is $\frac{8}{28} = \frac{12}{41}$ a true proportion?

Write yes or no.

Task card 4 Solving Proportions

30 tickets to the fair cost $80. At the same price, how many dollars do 21 tickets cost?

Task card 5 Solving Proportions

$$\frac{33}{x} = \frac{30}{70}$$

Task card 6 Solving Proportions

$$\frac{x}{10} = \frac{11}{4}$$

Task card 7 Solving Proportions

On a map, 24 inches stand for 9 miles. How many miles do 56 inches stand for?

Task card 8 Solving Proportions

$$\frac{x}{6} = \frac{9}{4}$$

Task card 9 Solving Proportions

$$\frac{15}{40} = \frac{x}{32}$$

Task card 10 Solving Proportions

$$\frac{x}{14} = \frac{15}{4}$$

Task card 11 Solving Proportions

Is $\frac{12}{20} = \frac{6}{11}$ a true proportion?

Write yes or no.

Task card 12 Solving Proportions

In a model, 24 centimeters stand for 40 meters. How many meters do 9 centimeters stand for?

Task card 13 Solving Proportions

$$\frac{77}{x} = \frac{35}{20}$$

Task card 14 Solving Proportions

$$\frac{14}{4} = \frac{x}{13}$$

Task card 15 Solving Proportions

A gardener plants 6 bulbs in 14 minutes. At this rate, how many minutes does it take to plant 9 bulbs?

Task card 16 Solving Proportions

$$\frac{13}{2} = \frac{x}{5}$$

Task card 17 Solving Proportions

$$\frac{77}{33} = \frac{28}{x}$$

Task card 18 Solving Proportions

$$\frac{6}{4} = \frac{x}{13}$$

Task card 19 Solving Proportions

Is $\frac{12}{8} = \frac{6}{6}$ a true proportion?

Write yes or no.

Task card 20 Solving Proportions

On a map, 64 inches stand for 56 miles. How many miles do 80 inches stand for?

Task card 21 Solving Proportions

$$\frac{42}{x} = \frac{77}{22}$$

Task card 22 Solving Proportions

$$\frac{x}{5} = \frac{13}{2}$$

Task card 23 Solving Proportions

25 pounds of apples cost $45. At the same price, how many dollars do 35 pounds cost?

Task card 24 Solving Proportions

$$\frac{x}{3} = \frac{6}{12}$$

Solving Proportions Task Cards

Recording sheet · Grade 6 · Solve each proportion for x, or answer the question.

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

Solving Proportions Task Cards: Answer Key

Grade 6 · Hard

The answers online

1. x = 16	**2.** x = 24.5	**3.** no
4. $56	**5.** x = 77	**6.** x = 27.5
7. 21	**8.** x = 13.5	**9.** x = 12
10. x = 52.5	**11.** no	**12.** 15
13. x = 44	**14.** x = 45.5	**15.** 21
16. x = 32.5	**17.** x = 12	**18.** x = 19.5
19. no	**20.** 70	**21.** x = 12
22. x = 32.5	**23.** $63	**24.** x = 1.5