Task card 1 Solving Proportions

$$\frac{1}{4} = \frac{x}{12}$$

Task card 2 Solving Proportions

$$\frac{2}{3} = \frac{x}{9}$$

Task card 3 Solving Proportions

$$\frac{3}{5} = \frac{15}{x}$$

Task card 4 Solving Proportions

To make orange paint, an artist mixes 3 drops of red with 2 drops of yellow. How many drops of yellow go with 6 drops of red?

Task card 5 Solving Proportions

$$\frac{5}{4} = \frac{x}{20}$$

Task card 6 Solving Proportions

$$\frac{1}{3} = \frac{3}{x}$$

Task card 7 Solving Proportions

4 pounds of apples cost $5. At the same price, how many dollars do 8 pounds cost?

Task card 8 Solving Proportions

$$\frac{5}{4} = \frac{x}{16}$$

Task card 9 Solving Proportions

$$\frac{6}{5} = \frac{x}{20}$$

Task card 10 Solving Proportions

$$\frac{2}{3} = \frac{6}{x}$$

Task card 11 Solving Proportions

$$\frac{1}{4} = \frac{2}{x}$$

Task card 12 Solving Proportions

A snail crawls 3 inches in 4 minutes. At this rate, how many minutes does it take to crawl 6 inches?

Task card 13 Solving Proportions

$$\frac{3}{5} = \frac{x}{10}$$

Task card 14 Solving Proportions

$$\frac{5}{4} = \frac{x}{24}$$

Task card 15 Solving Proportions

To make orange paint, an artist mixes 4 drops of red with 5 drops of yellow. How many drops of yellow go with 20 drops of red?

Task card 16 Solving Proportions

$$\frac{3}{5} = \frac{x}{25}$$

Task card 17 Solving Proportions

$$\frac{10}{6} = \frac{5}{x}$$

Task card 18 Solving Proportions

$$\frac{4}{10} = \frac{x}{20}$$

Task card 19 Solving Proportions

Is $\frac{14}{4} = \frac{21}{8}$ a true proportion?

Write yes or no.

Task card 20 Solving Proportions

To make orange paint, an artist mixes 15 drops of red with 12 drops of yellow. How many drops of yellow go with 30 drops of red?

Task card 21 Solving Proportions

$$\frac{9}{45} = \frac{x}{15}$$

Task card 22 Solving Proportions

$$\frac{x}{45} = \frac{6}{15}$$

Task card 23 Solving Proportions

A snail crawls 4 inches in 7 minutes. At this rate, how many minutes does it take to crawl 16 inches?

Task card 24 Solving Proportions

$$\frac{x}{90} = \frac{3}{18}$$

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 · Easy

The answers online

1. x = 3	**2.** x = 6	**3.** x = 25
4. 4	**5.** x = 25	**6.** x = 9
7. $10	**8.** x = 20	**9.** x = 24
10. x = 9	**11.** x = 8	**12.** 8
13. x = 6	**14.** x = 30	**15.** 25
16. x = 15	**17.** x = 3	**18.** x = 8
19. no	**20.** 24	**21.** x = 3
22. x = 18	**23.** 28	**24.** x = 15