Solving Proportions · 1

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

Solving Proportions · 2

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

Solving Proportions · 3

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

Solving Proportions · 4

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?

Solving Proportions · 5

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

Solving Proportions · 6

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

Solving Proportions · 7

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

Solving Proportions · 8

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

Solving Proportions · 2

ANSWER

x = 6

Solving Proportions · 1

ANSWER

x = 3

Solving Proportions · 4

ANSWER

4

Solving Proportions · 3

ANSWER

x = 25

Solving Proportions · 6

ANSWER

x = 9

Solving Proportions · 5

ANSWER

x = 25

Solving Proportions · 8

ANSWER

x = 20

Solving Proportions · 7

ANSWER

$10

Solving Proportions · 9

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

Solving Proportions · 10

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

Solving Proportions · 11

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

Solving Proportions · 12

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

Solving Proportions · 13

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

Solving Proportions · 14

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

Solving Proportions · 15

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?

Solving Proportions · 16

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

Solving Proportions · 10

ANSWER

$x = 9$

Solving Proportions · 9

ANSWER

$x = 24$

Solving Proportions · 12

ANSWER

8

Solving Proportions · 11

ANSWER

$x = 8$

Solving Proportions · 14

ANSWER

$x = 30$

Solving Proportions · 13

ANSWER

$x = 6$

Solving Proportions · 16

ANSWER

$x = 15$

Solving Proportions · 15

ANSWER

25

Solving Proportions · 17

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

Solving Proportions · 18

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

Solving Proportions · 19

Is $\frac{14}{4} = \frac{21}{8}$ a true proportion? Write yes or no.

Solving Proportions · 20

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?

Solving Proportions · 21

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

Solving Proportions · 22

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

Solving Proportions · 23

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

Solving Proportions · 24

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

Solving Proportions · 18

ANSWER

$x = 8$

Solving Proportions · 17

ANSWER

$x = 3$

Solving Proportions · 20

ANSWER

24

Solving Proportions · 19

ANSWER

no

Solving Proportions · 22

ANSWER

$x = 18$

Solving Proportions · 21

ANSWER

$x = 3$

Solving Proportions · 24

ANSWER

$x = 15$

Solving Proportions · 23

ANSWER

28