Solving Proportions · 1

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

Solving Proportions · 2

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

Solving Proportions · 3

Is $\frac{8}{28} = \frac{12}{41}$ a true proportion? Write yes or no.

Solving Proportions · 4

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

Solving Proportions · 5

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

Solving Proportions · 6

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

Solving Proportions · 7

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

Solving Proportions · 8

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

Solving Proportions · 2

ANSWER

x = 24.5

Solving Proportions · 1

ANSWER

x = 16

Solving Proportions · 4

ANSWER

$56

Solving Proportions · 3

ANSWER

no

Solving Proportions · 6

ANSWER

x = 27.5

Solving Proportions · 5

ANSWER

x = 77

Solving Proportions · 8

ANSWER

x = 13.5

Solving Proportions · 7

ANSWER

21

Solving Proportions · 9

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

Solving Proportions · 10

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

Solving Proportions · 11

Is $\frac{12}{20} = \frac{6}{11}$ a true proportion? Write yes or no.

Solving Proportions · 12

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

Solving Proportions · 13

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

Solving Proportions · 14

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

Solving Proportions · 15

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

Solving Proportions · 16

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

Solving Proportions · 10

ANSWER

x = 52.5

Solving Proportions · 9

ANSWER

x = 12

Solving Proportions · 12

ANSWER

15

Solving Proportions · 11

ANSWER

no

Solving Proportions · 14

ANSWER

x = 45.5

Solving Proportions · 13

ANSWER

x = 44

Solving Proportions · 16

ANSWER

x = 32.5

Solving Proportions · 15

ANSWER

21

Solving Proportions · 17

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

Solving Proportions · 18

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

Solving Proportions · 19

Is $\frac{12}{8} = \frac{6}{6}$ a true proportion? Write yes or no.

Solving Proportions · 20

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

Solving Proportions · 21

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

Solving Proportions · 22

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

Solving Proportions · 23

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

Solving Proportions · 24

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

Solving Proportions · 18

ANSWER

x = 19.5

Solving Proportions · 17

ANSWER

x = 12

Solving Proportions · 20

ANSWER

70

Solving Proportions · 19

ANSWER

no

Solving Proportions · 22

ANSWER

x = 32.5

Solving Proportions · 21

ANSWER

x = 12

Solving Proportions · 24

ANSWER

x = 1.5

Solving Proportions · 23

ANSWER

$63