

7	75	3	0.0026
7.5	0.075	2.1	$2\frac{1}{2}$
26,000	114	33	2.8
35	$1\frac{1}{2}$	16,250	5
2.6		5	22.5
10,560	26,000	0.94	
50	6.5	4320	

$$26 \text{ km} = \underline{\hspace{2cm}} \text{ m}$$

A recipe calls for $4\frac{1}{2}$ cups of flour for 72 cookies. How many cups are needed for 48 cookies?

Solve.

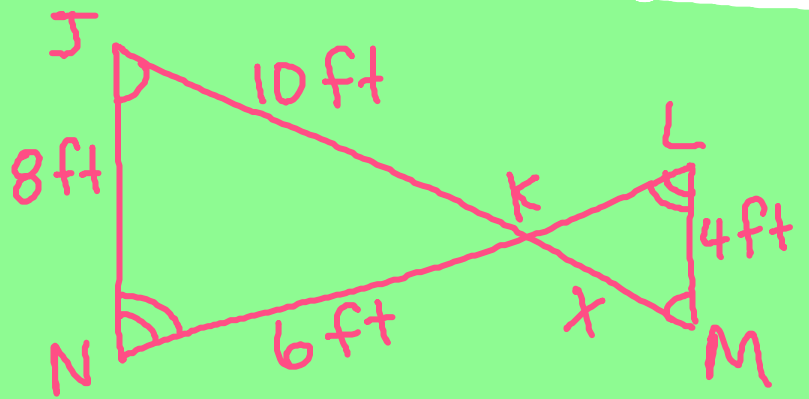
$$\frac{r}{3.5} = \frac{7.2}{9}$$

The machine part shown has the scale of 1 unit = 1.25 cm. Find the actual length of the side labeled b .



$$5000 \text{ lb} = \underline{\hspace{2cm}} T$$

Write a proportion
and find the
value of x



Solve.

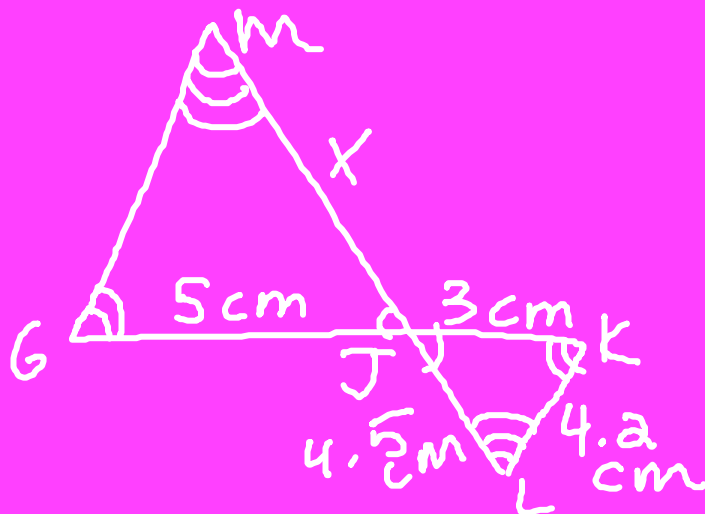
$$\frac{5}{m} = \frac{25}{35}$$

Abe prepares a scale drawing of an office building. He uses a scale of 1 in = 12 feet. The drawing of the building is $9\frac{1}{2}$ inches high. How high is the building?

Maria drives her car 250 miles on 10 gallons of gas. About how many gallons of gasoline will she need for a 1250-mile trip?

$$2.6 \text{ L} = \underline{\quad} \text{ kL}$$

Write a proportion
and solve for x .



$$240z = \underline{\hspace{2cm}} 16$$

Solve.

$$\frac{7}{16} = \frac{x}{4.8}$$

Lin draws a scale drawing of a miniature computer diode. She uses a scale of $1 \text{ in} = 0.01 \text{ in}$. Lin's drawing is 7.5 inches wide. How wide is the computer diode?

$$2.5 \text{ pt} = \underline{\hspace{2cm}} \text{ c}$$

A photograph measuring 8 in wide and 10 in long is enlarged to make a wall mural. The mural is 60 in wide. How long is the mural?

$$\text{--- } g = 2600 \text{ mg}$$

Solve.

$$\frac{t}{0.2} = \frac{9.4}{2}$$

Lena is $5\frac{1}{2}$ ft tall and casts an 8-foot shadow. At the same time, a flagpole casts a 48-foot shadow. How tall is the flagpole?

$$26 L = \underline{\hspace{2cm}} \text{ mL}$$

Solve.

$$\frac{7}{45} = \frac{x}{9}$$

Five out of every 8 people surveyed in Carson City approved a new golf course. If there are 26,000 people in Carson City, about how many can be expected to approve of the golf course?

$$2 \text{ mi} = \underline{\hspace{2cm}} \text{ ft}$$

$$78 \text{ in} = \underline{\hspace{2cm}} \text{ ft}$$

Ryan's heart beats 216 times in 3 minutes. How many times will it beat in an hour?

