

## Proportions WS 2

Date \_\_\_\_\_ Period \_\_\_\_\_

Solve each proportion.

1)  $\frac{9}{k} = \frac{7}{8}$        $k = \underline{\hspace{2cm}}$

2)  $\frac{9}{10} = \frac{p}{6}$        $p = \underline{\hspace{2cm}}$

3)  $\frac{10}{5} = \frac{3}{a}$        $a = \underline{\hspace{2cm}}$

4)  $\frac{4}{8} = \frac{x}{9}$        $x = \underline{\hspace{2cm}}$

Answer each question and round your answer to the nearest whole number.

- 5) The money used in Argentina is called the Peso. The exchange rate is \$2 = 6 Pesos. Find how many Pesos you would receive if you exchanged \$4.

 $\underline{\hspace{2cm}}$  Pesos

- 6) Kayla bought 12 red potatoes for \$6. How many potatoes can Natalie buy if she has \$3?

 $\underline{\hspace{2cm}}$  potatoes

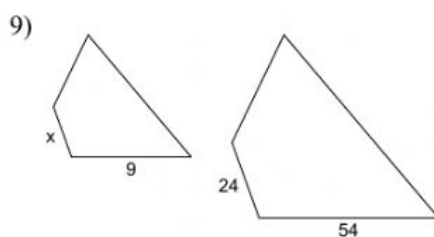
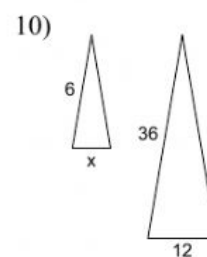
- 7) Amy bought nine bunches of fennel for \$21. How many bunches can Amanda buy if she has \$7?

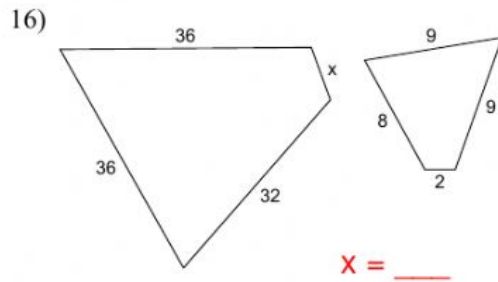
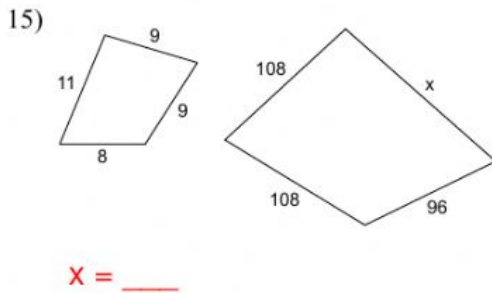
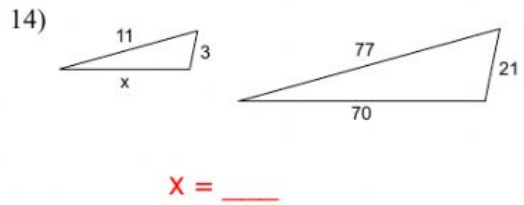
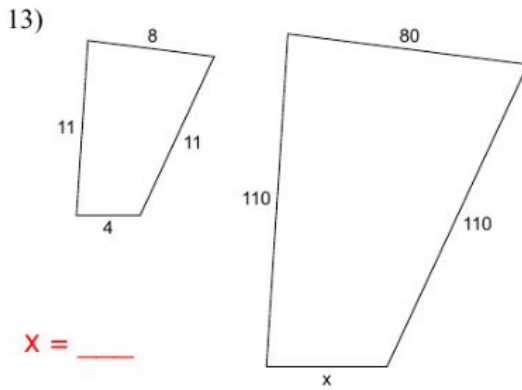
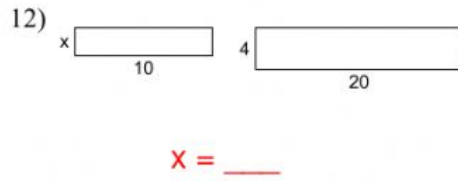
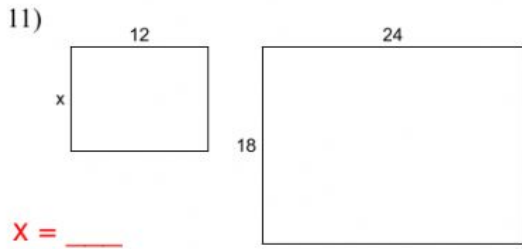
 $\underline{\hspace{2cm}}$  bunches

- 8) The currency in Turkey is the New Lira. The exchange rate is approximately 6 New Lira for \$4. At this rate, how many New Lira would you get if you exchanged \$12?

 $\underline{\hspace{2cm}}$  New Lira

Each pair of figures is similar. Find the missing side.

 $x = \underline{\hspace{2cm}}$  $x = \underline{\hspace{2cm}}$



Answer each question and round your answer to the nearest whole number.

17) A model giraffe has a scale of 2 in : 1 ft.  
If the model giraffe is 32 in tall, then how tall is the real giraffe?

$\underline{\hspace{2cm}}$  ft

18) Find the distance between Brisbane and Clinton if they are 8 cm apart on a map with a scale of 2 cm : 16 km.

$\underline{\hspace{2cm}}$  km

19) Yorkshire and Franklin are 34 mi from each other. How far apart would the cities be on a map that has a scale of 5 in : 17 mi?

$\underline{\hspace{2cm}}$  in

20) A tent that is 4 ft tall casts a shadow that is 8 ft long. Find the length of the shadow that a 6 ft car casts.

$\underline{\hspace{2cm}}$  ft