Name_____ ID: 1

Proportions WS 2

Date_____ Period_____

Solve each proportion.

1) $\dfrac{9}{k} = \dfrac{7}{8}$ k = ____

2) $\dfrac{9}{10} = \dfrac{p}{6}$ p = ____

3) $\dfrac{10}{5} = \dfrac{3}{a}$ a = ____

4) $\dfrac{4}{8} = \dfrac{x}{9}$ x = ____

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.

____ Pesos

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

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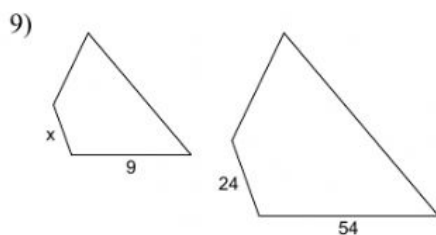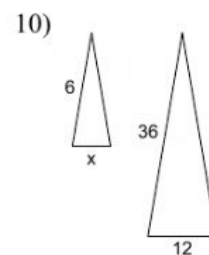
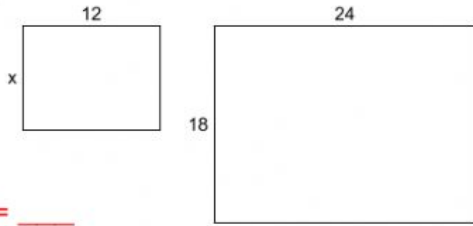7) Amy bought nine bunches of fennel for $21. How many bunches can Amanda buy if she has $7?

____ 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?

____ New Lira

Each pair of figures is similar. Find the missing side.
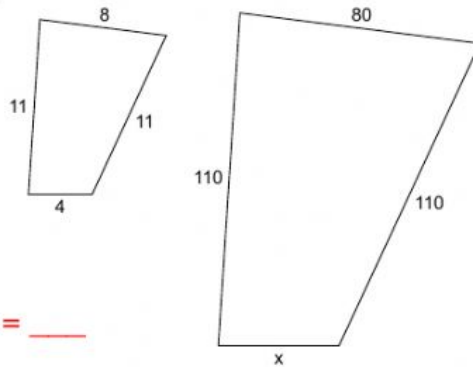
9)

x = ____

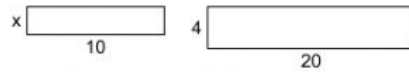10)

x = ____

LIVEWORKSHEETS

11)

12 | 24 | x | 18

X = ____

12)

x | 10 | 4 | 20

X = ____

13)

8 | 80 | 11 | 11 | 110 | 110 | 4 | x

X = ____

14)

11 | 3 | x | 77 | 21 | 70

X = ____

15)

9 | 108 | 11 | 9 | x | 8 | 108 | 96

X = ____

16)

36 | 9 | x | 36 | 8 | 9 | 32 | 2

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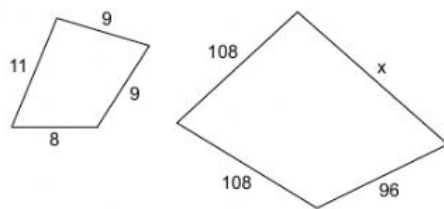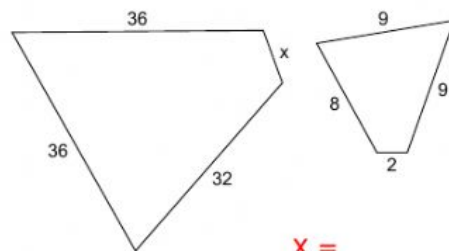
Answer each question and round your answer to the nearest whole number.

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?

____ 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.

____ 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?

____ 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.

____ ft