Math 1 2/17 -evens for HW Name_____ ID: 1

Proportions 2

Date 2/17 Period ___

State if each pair of ratios forms a proportion.

1) $\frac{24}{8}$ and $\frac{4}{2}$

2) $\frac{2}{4}$ and $\frac{4}{12}$

Solve each proportion.

3) $\frac{7}{5}=\frac{2}{x}$

4) $\frac{10}{k}=\frac{7}{5}$

5) $\frac{2.8}{3.77}=\frac{k}{5.6}$

6) $\frac{4}{b}=\frac{5.8}{4.3}$

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

7) Shawna bought one jar of sun-dried tomatoes for $4. How many jars can Molly buy if she has $8?

8) The currency in Oman is the Rial. The exchange rate is approximately 1 Rial for $3. At this rate, how many Rials would you get if you exchanged $30?

9) One honeydew melon costs $4. How many honeydew melons can you buy for $12?

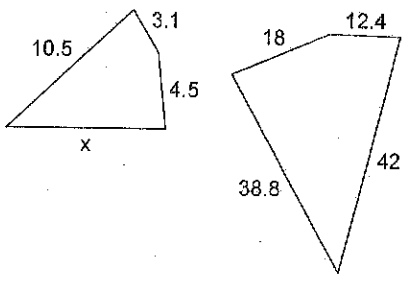
10) Molly was planning a trip to Peru. Before going, she did some research and learned that the exchange rate is $1 for 3 Nuevos Soles. How many Nuevos Soles would she get if she exchanged $3?

11) If you can buy one bunch of seedlees green grapes for $2, then how many can you buy with $16?

12) The money used in Tajikistan is called the Somoni. The exchange rate is 3 Somoni for every $1. Find how many Somoni you would receive if you exchanged $6.

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

13)



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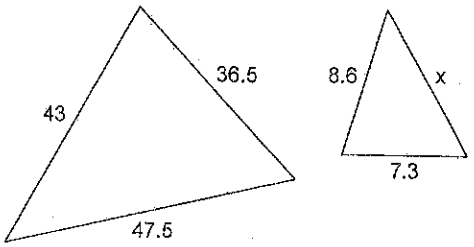

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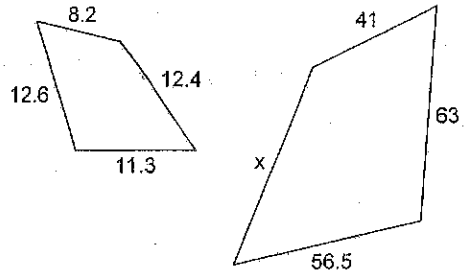

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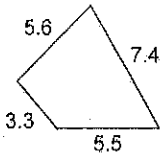

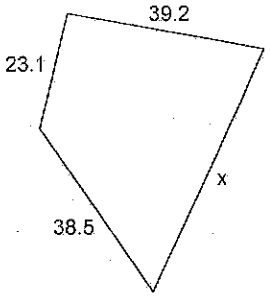

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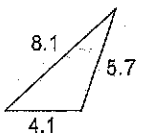

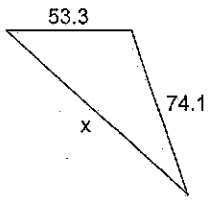

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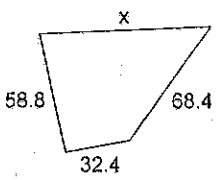

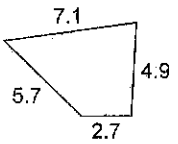

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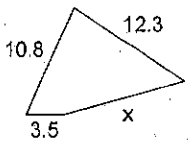

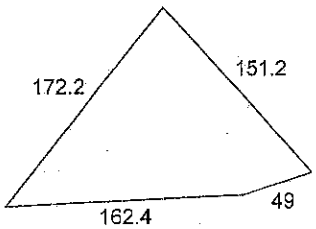

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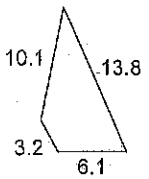

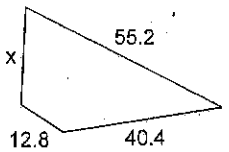

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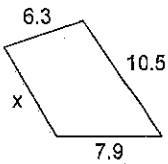

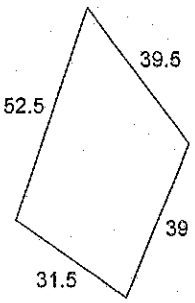

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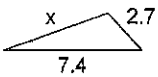

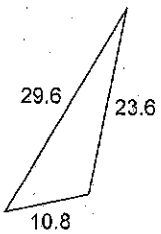

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