

**Unit 7 - Similarity Test Review**

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**Solve each proportion.**

1)  $\frac{n-3}{3} = \frac{3}{7}$

- A) {4.28}      B) {9}  
 C) {5}      D) {-4.949}

2)  $\frac{8}{4} = \frac{b}{b-1}$

- A) {-7.8}      B) {2}  
 C) {6.8}      D) {3.8}

3)  $\frac{6}{10} = \frac{v-8}{v-4}$

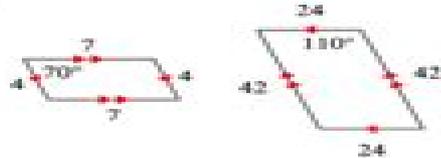
- A) {-5.9}      B) {5}  
 C) {-3.529}      D) {14}

4)  $\frac{9}{2x+7} = \frac{10}{x-6}$

- A) {-10}      B) {-5.616}  
 C) {-11.27}      D) {-4}

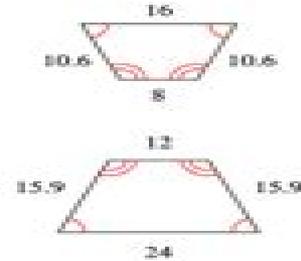
**State if the polygons are similar.**

5)



- A) not similar      B) similar

6)



- A) not similar      B) similar

**The polygons in each pair are similar. Find the scale factor of the smaller figure to the larger figure.**

7)



- A) 3 : 7      B) 4 : 5  
 C) 1 : 2      D) 2 : 5

# Geometry Unit 7 Lesson Tesccc Key

**Globe Fearon**



## Geometry Unit 7 Lesson Tesccc Key:

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