

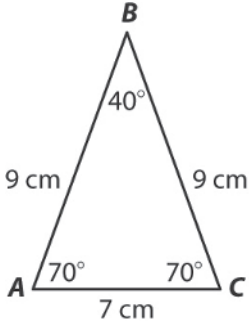
**LESSON**  
**4-1**

**Similar Shapes and Proportions**

*Practice and Problem Solving: A/B*

Tell whether the triangles are similar. Explain your answer.

1.

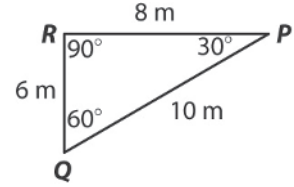
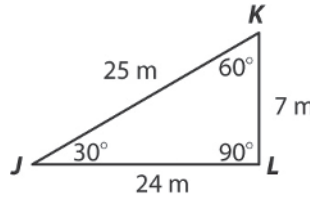
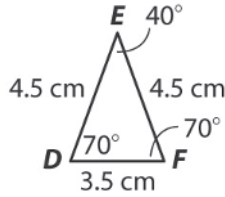


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2.



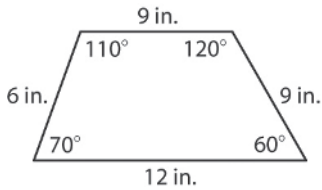
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Tell whether the four-sided figures are similar. Explain your answer.

3.

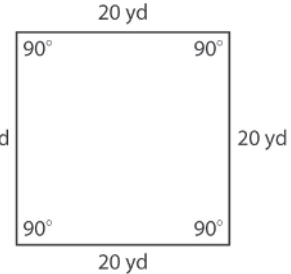
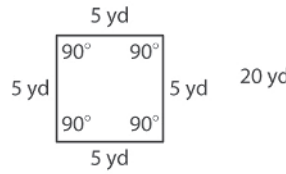
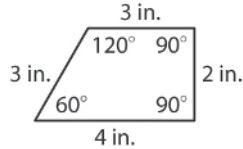


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4.



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**Solve**

5. A rectangle made of square tiles measures 8 tiles wide and 10 tiles long. What is the length in tiles of a similar rectangle 12 tiles wide?

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6. A computer monitor is a rectangle. The display resolution of Monica's monitor is 240 pixels by 160 pixels. The display resolution of Eugene's monitor is 320 pixels by 200 pixels. Is Monica's monitor similar to Eugene's monitor? Explain.

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