**Determine whether each pair of polygons is similar. Explain.** (Example 1)

**1.**



5    13
3  5    5
4    12

_____

_____

**2.**



18
8    10    6
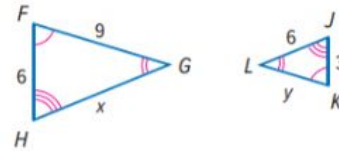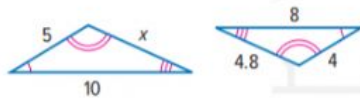8    7.5    6
13.5

_____

_____
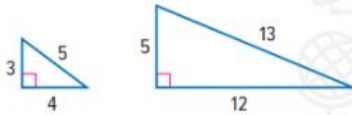
**3.** The two triangles are similar. (Example 2)

  **a.** Determine the transformations that map one figure
  onto the other.

  _____

  **b.** Find the missing side measures. _____



F    9
6      G    6  J
x        L  y  3
H           K

**4.** The two triangles are similar. (Example 2)



5    x      8
10       4.8    4

  **a.** Determine the transformations that map one figure
  onto the other.

  _____

  **b.** Find the missing side measure. _____

**Rate Yourself!**

Are you ready to move on?
Shade the section that applies.

I have | I'm
a few | ready to
questions. | move on.

LIVEWORKSHEETS