Name Date Period

Find the missing side length(s) below using **two** strategies:

* **Method 1:** Use the scale factor from one figure to the other
* **Method 2:** Use ratios of the side lengths within each figure (proportions).

A

1.5 cm

**3 cm *x***

6 cm

5 cm

12 cm

**Scale Factor: Proportion:**

**B**

**6 cm**

**x**

**1.5 cm**

**10 cm**

**Scale Factor: Proportion:**

**C**

***d e***

**68**

***a***

***c***

***b***

**12.5 m**

18.75 m

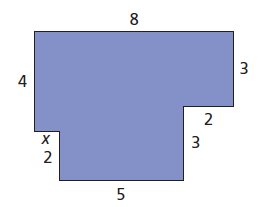
27.5 m

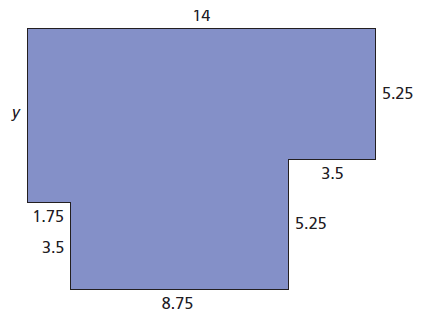
**68** ***f***

***x***

**Scale Factor: Proportion:**

**D**





**Scale Factor:** Find x **Proportion:** Find y