

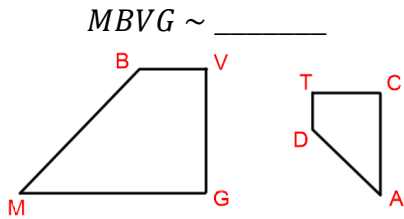
# CORRECTIVE ASSIGNMENT

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

The following figures are similar. Fill in the blanks.

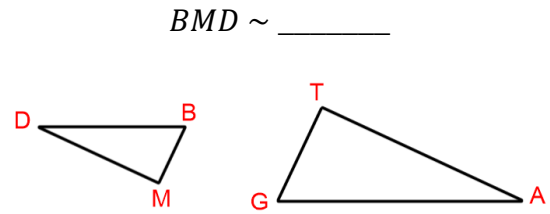
1.



a.  $\angle T$  corresponds to \_\_\_\_\_

b.  $\overline{GM}$  corresponds to \_\_\_\_\_

2.

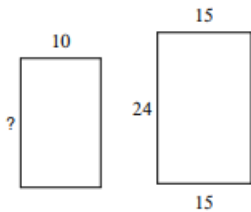


a.  $\angle D$  corresponds to \_\_\_\_\_

b.  $\overline{MB}$  corresponds to \_\_\_\_\_

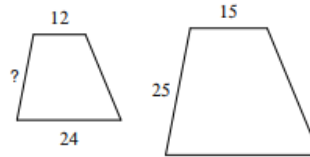
The following figures are similar. State the scale factor, set up a proportion, and find the missing side.

3.



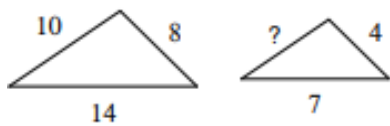
Scale Factor = \_\_\_\_\_

4.



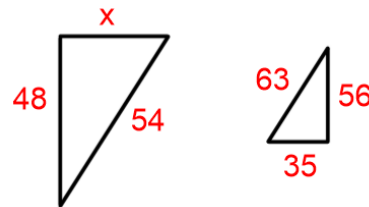
Scale Factor = \_\_\_\_\_

5.



Scale Factor = \_\_\_\_\_

6.



Scale Factor = \_\_\_\_\_

## ANSWERS TO CORRECTIVE ASSIGNMENT

<p>1. <math>MBVG \sim ADTC</math></p> <p>a. <math>\angle V</math>      b. <math>\overline{CA}</math></p>	<p>2. <math>BMD \sim GTA</math></p> <p>a. <math>\angle A</math>      b. <math>\overline{TG}</math></p>	<p>3. missing side = 16</p> <p>scale factor = <math>\frac{2}{3}</math> or <math>\frac{3}{2}</math></p>
<p>4. missing side = 20</p> <p>scale factor = <math>\frac{4}{5}</math> or <math>\frac{5}{4}</math></p>	<p>5. missing side = 5</p> <p>scale factor = <math>\frac{1}{2}</math> or 2</p>	<p>6. missing side = 30</p> <p>scale factor = <math>\frac{7}{6}</math> or <math>\frac{6}{7}</math></p>