

Name: _____ Date: _____ Period: _____

Similarity in Right Triangles

Use each similarity statement to write the corresponding sides of the triangles as proportions.

1) $\triangle CGJ \sim \triangle MKP$

_____ = _____ = _____

2) $\triangle WNY \sim \triangle CQR$

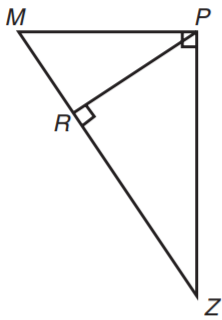
_____ = _____ = _____

3) $\triangle ADF \sim \triangle GLM$

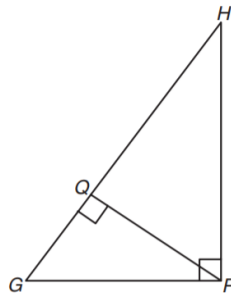
4) $\triangle XZC \sim \triangle YMN$

Use the Right Triangle/Altitude Similarity Theorem to write three similarity statements involving the triangles in each diagram.

5)

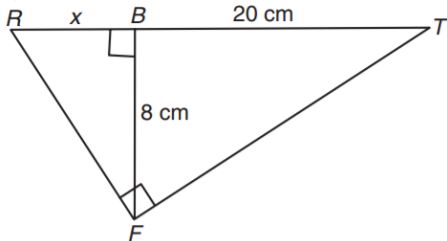


6)

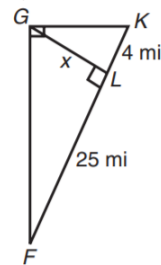


Solve for x

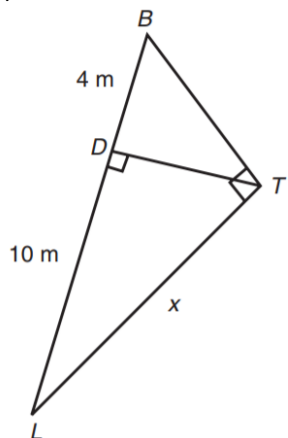
7)



8)



9)



10) Solve for x , y , and z

