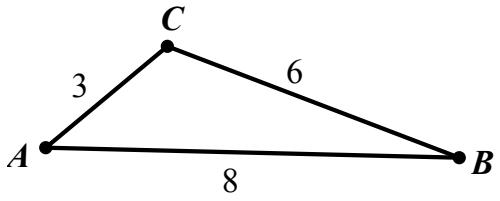
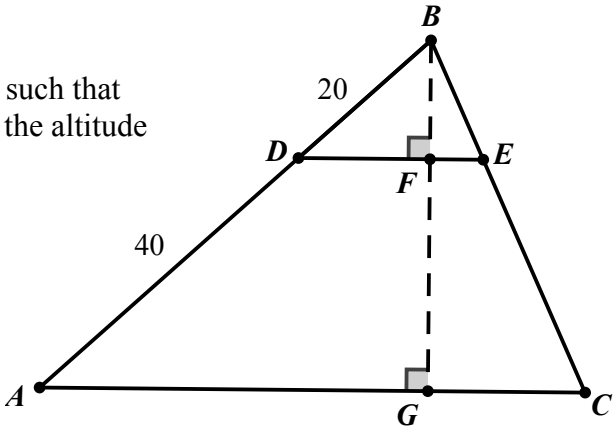
Geometry – Similar Triangles **Name** _____
6b Homework: Altitudes of Triangles **Period** ____ **Date** _____

1. Draw a triangle ΔDEF such that ΔABC ~ ΔDEF and DE = 2. Label the vertices and the appropriate measures for each side of the triangle (you do not have to draw the figure to scale).



2. The diagram below shows two overlapping triangles such that ΔABC ~ ΔDBE. If DF = 16, determine the length of the altitude of ΔABC.



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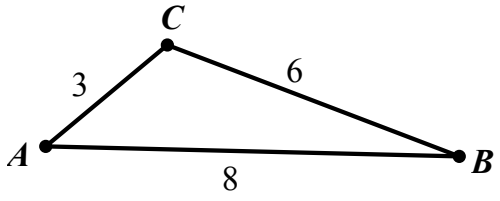
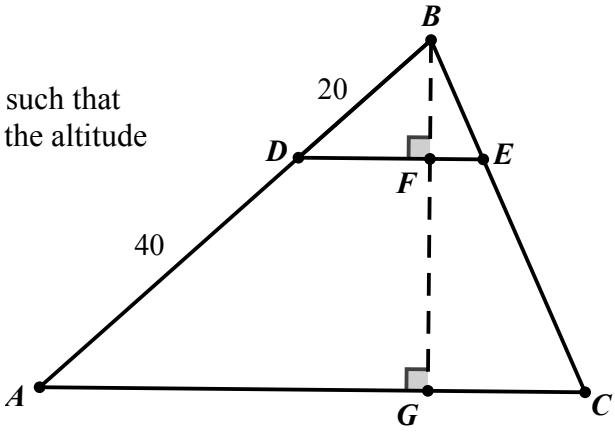
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