**Trigonometry Ratios Investigation**



Use the figure below to answer the following questions.

$∆ABE and ∆ACF and ∆ADG$ are similar triangles. What are similar triangles?

Measure the following sides and then calculate the last column. Express each measurement to the nearest millimeter (tenth of a centimeter).

|  |  |  |
| --- | --- | --- |
| EB = | AB = | $$\frac{EB}{AB}=$$ |
| FC = | AC =  | $$\frac{FC}{AC}=$$ |
| GD = | AD = | $$\frac{GD}{AD}=$$ |

What do you notice about the ratios in the last column?