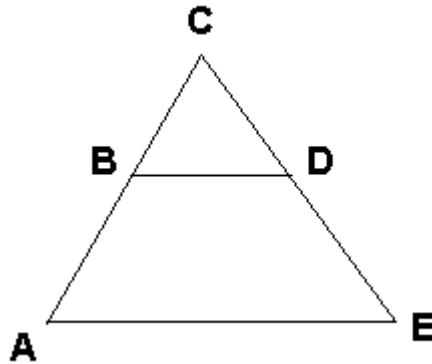


Activity: Similar Triangles



In the figure, segment BD is parallel to segment AE

Click on DE/CD to find the ratio between segment DE and segment CD. Then click on BA/CB to find the ratio between those two segments. Record the values below.

2. How are the ratios related?
3. Drag point B along segment AC. Record the new value for each of the ratios. Do this twice. How are the ratios related?
4. Drag point E to change the size of the triangle. How are the ratios related?
5. What can you conjecture based on the information above?