**SIMILAR SHAPES AND PROPORTIONS**

**VOCABULARY:**

1. **Similar shapes-**
2. **Corresponding Angles-**
3. **Corresponding Sides-**

 B E

D F

 A C

**Example 1: Determine if ∆ABC and ∆DEF are similar**

 B E

 **24 27 8 9**

D F

 A C **7**

 **21**

**Step one: Check that each corresponding angle has an equal measure.**

**Step two: Check that each corresponding side is proportional.**