**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.**