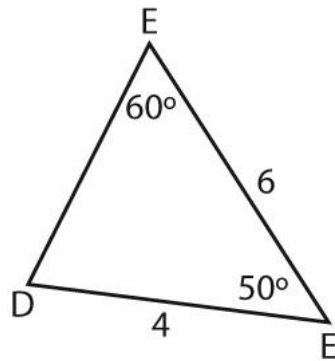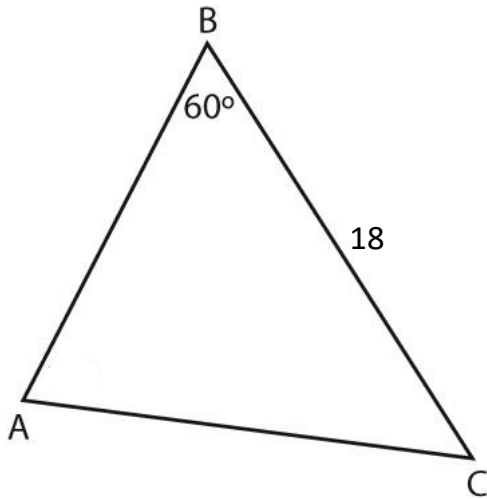Warm Up   2/8/23

$$\Delta ABC \sim \Delta DEF$$

1. Find $m\angle C$.
2. Find $m\angle A$.
3. Find AC
4. What is the scale factor if ΔDEF is a dilation of ΔABC?