

Handout 1: Give It the Old College Try-angle

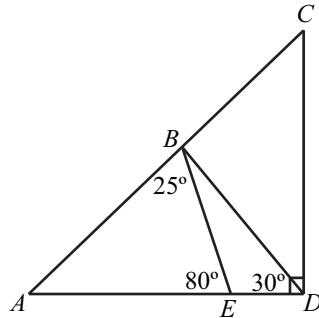


Figure 1

1. In $\triangle ABC$, $\angle A$ measures 49° and $\angle B$ measures 41° . What is the measure of $\angle C$?
 2. A triangle has two angles measuring 52° each. What is the measure of the third angle?
 3. A right triangle has an exterior angle of 120° . What are the measures of the three interior angles?
 4. A triangle has two exterior angles measuring 105° and 145° . What are the measures of the three interior angles?
- Use Figure 1 for questions 5-10.
5. What is the measure of $\angle BAE$?
 6. What is the measure of $\angle ABD$?
 7. What is the measure of $\angle CBD$?
 8. What is the measure of $\angle BDC$?
 9. What is the measure of $\angle BED$?
 10. What is the measure of $\angle BCD$?