## Handout 1: Give It the Old College Try-angle

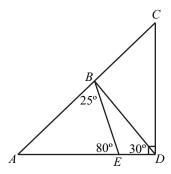


Figure 1

- 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?
- 7. What is the measure of  $\angle CBD$ ?

6. What is the measure of  $\angle ABD$ ?

Use Figure 1 for questions 5-10.

5. What is the measure of  $\angle BAE$ ?

- 3. A right triangle has an exterior angle of 120°. What are the measures of the three interior angles?
- 8. What is the measure of  $\angle BDC$ ?
- 4. A triangle has two exterior angles measuring 105° and 145°. What are the measures of the three interior angles?
- 9. What is the measure of  $\angle BED$ ?
- 10. What is the measure of  $\angle BCD$ ?

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