

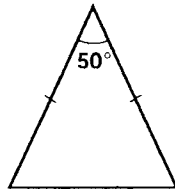
Basic Skills Practice

Angles and Angle Relationships, Part 2

Read each question and circle the best answer.

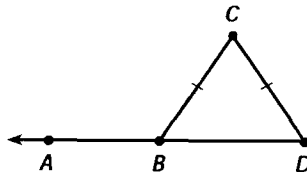
1. An isosceles triangle has two congruent sides and two congruent angles. The vertex angle of this isosceles triangle is 50° and its sides are 7 units. What is the measure of each base angle?

- A 20°
- B 50°
- C 65°
- D 80°



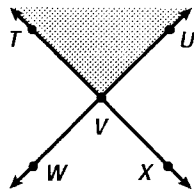
2. Triangle BCD is an isosceles triangle. What is the measure of $\angle CDB$ if $\angle ABC$ is 130° ?

- F 50°
- G 60°
- H 90°
- I 130°



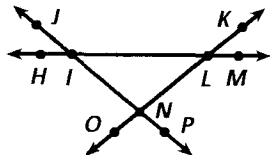
3. The shaded section of this figure can best be identified as—

- A $\angle V$
- B $\angle UTV$
- C $\angle TVU$
- D $\angle TUV$



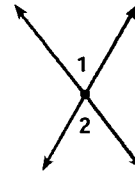
4. Which angle has point L as its vertex?

- F $\angle KLM$
- G $\angle LNP$
- H $\angle INL$
- I $\angle LIJ$



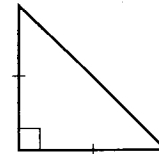
5. If $\angle 1$ measures 70° , what is the measure of $\angle 2$?

- A 20°
- B 70°
- C 90°
- D 110°



6. What is the measure of each unmarked angle in this isosceles right triangle?

- F 30°
- G 45°
- H 60°
- I 90°



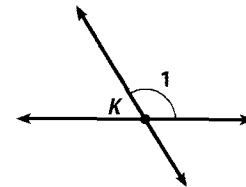
7. What is the missing angle measurement in this triangle?

- A 28°
- B 38°
- C 53°
- D 65°



8. The measure of $\angle 1$ is 110° . What is the measure of $\angle K$?

- F 60°
- G 70°
- H 80°
- I 90°



Solve each problem.

9. Angle M and angle N are supplementary angles. If angle M measures 35° , what is the measure of angle N ? _____
10. Angle J and angle K are complementary angles. If angle J measures 27° , what is the measure of angle K ? _____