

Remember This!

A right triangle has one right angle, or one angle that measures 90° . The sides that form the right angle are the legs of the right triangle. The side opposite the right angle is the hypotenuse.

Homework

Use the figures below to answer questions 1–6.

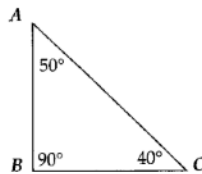


Figure 1

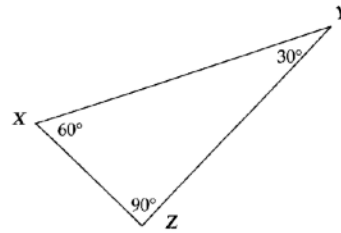


Figure 2

1 Which angle makes Figure 1 a right triangle?

- A** $\angle A$ **C** $\angle C$
B $\angle B$ **D** $\angle B$ and $\angle C$

3 In Figure 1, which sides are the legs of the right triangle?

- A** \overline{AB} and \overline{AC}
B \overline{AB} and \overline{BA}
C \overline{BC} and \overline{AC}
D \overline{BC} and \overline{AB}

5 In Figure 1, which side of the right triangle is the hypotenuse?

- A** \overline{AB} **C** \overline{BC}
B \overline{AC} **D** \overline{BA}

2 Which angle makes Figure 2 a right triangle?

- F** $\angle Z$ **H** $\angle X$
G $\angle Y$ **J** $\angle X$ and $\angle Z$

4 In Figure 2, which sides are the legs of the right triangle?

- F** \overline{XZ} and \overline{XY}
G \overline{YX} and \overline{ZX}
H \overline{XZ} and \overline{YZ}
J \overline{XY} and \overline{XZ}

6 In Figure 2, which side of the right triangle is the hypotenuse?

- F** \overline{XZ} **H** \overline{XY}
G \overline{YZ} **J** \overline{ZX}