

Key Concept and Vocabulary

Angles are measured in degrees.



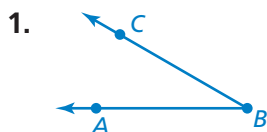
Acute
Less than 90°

Right
 90°

Obtuse
Between 90° and 180°

Straight
 180°

Skill Example



Three names for the angle are $\angle B$, $\angle ABC$, and $\angle CBA$. The angle opens less than a right angle. So, it is an acute angle.



Application Example

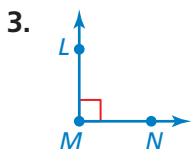
2. Two obtuse angles in the flag of Brazil are $\angle WXY$ and $\angle YZW$. Two acute angles are $\angle ZWX$ and $\angle XYZ$.



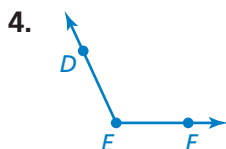
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Check your answers at BigIdeasMath.com.

Write a name for the angle and classify it.



$\angle LMN$, right



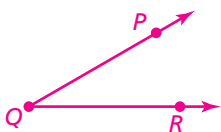
$\angle E$, obtuse



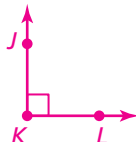
$\angle RST$, straight

Draw and label the angle.

6. $\angle PQR$ is acute.



7. $\angle JKL$ is right.



8. $\angle TUV$ is obtuse.



9. **BILLIARDS** Classify the three angles of the triangle.

All three angles are acute angles.

