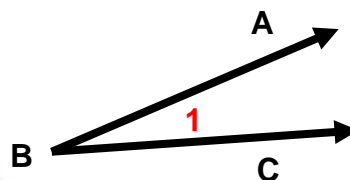


Naming Angles, Vertices & Sides

Naming Angles

Angles can be named using three different ways.

- (1) Letter of the vertex (point) = $\angle B$
- (2) Three letters (vertex in the middle)
= $\angle ABC$ or $\angle CBA$
- (3) Arc name (a letter or number) = $\angle 1$



Naming Vertices

A vertex is named using the letter of the point

Vertex = B

Naming Sides

A side is named using two letters.

If the angle has arrows, the side name should start with the vertex.

Sides = \overrightarrow{BA} and \overrightarrow{BC}

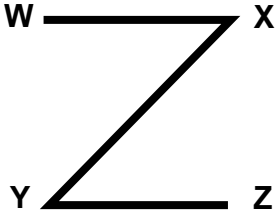
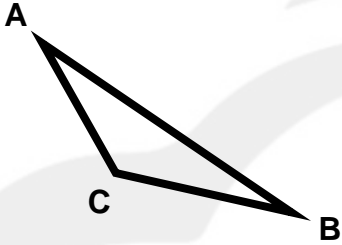
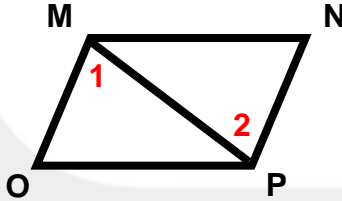
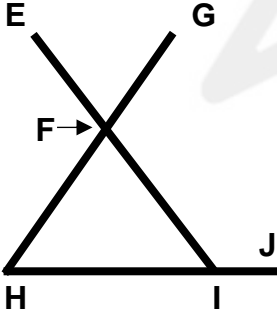
If there are no arrows, the side can go both ways.

Sides = \overline{BA} or \overline{AB} and \overline{BC} or \overline{CB}

Instructions: Answer the questions below.

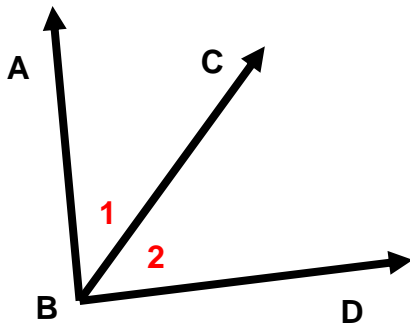
1		Name $\angle 1$ and $\angle 2$ using three letters.
		Name all the sides.



2		Name all the angles using three letters.
		Name the common side in $\angle WXY$ and $\angle XYZ$.
3		Name all the angles using the vertices.
		Name all the sides of the triangle.
4		Name $\angle 1$ and $\angle 2$ using three letters.
		Name the common side in $\angle PMO$ and $\angle NPM$.
5		Name all the angles using F as a vertex.
		Name the angles equivalent to $\angle GHJ$.



6



What are other names for $\angle 1$?

What are other names for $\angle 2$?

Name all the sides.

What type of angle does $\angle 1$ and $\angle 2$ make together?

