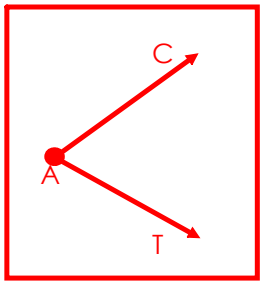
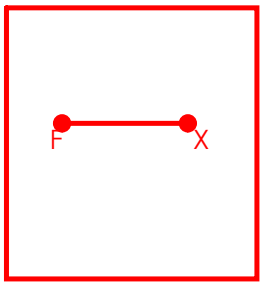
Independent Practice

Draw the following geometric objects.

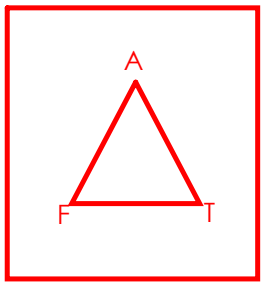
$\angle CAT$

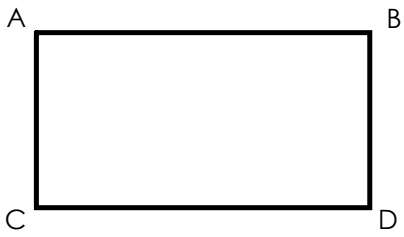


$\overline{FX}$



$\triangle FAT$

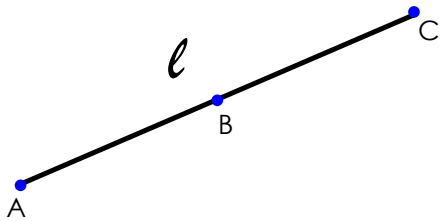




Joe says that the figure below is named rectangle ABCD. Is he correct or incorrect? Explain your answer.

Joe is incorrect. The letters must be written as they appear clockwise or counter clockwise. A correct way would be ABDC.

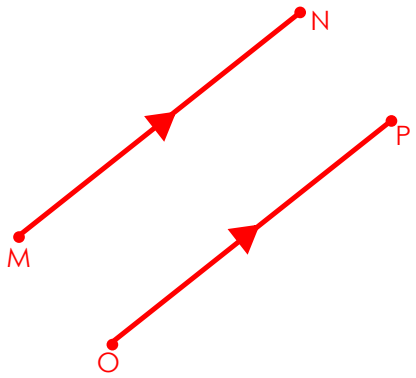
Name the line below in three different ways.



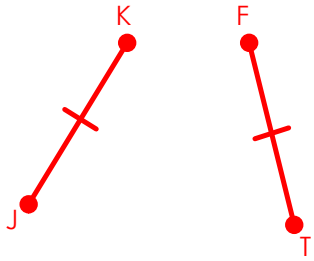
1. Line ℓ
2. $\overline{AB}$
3. $\overline{ABC}$

Draw each of the following statements.

$\overline{MN} \parallel \overline{OP}$

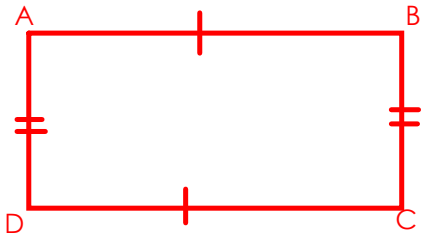


$\overline{JK} \cong \overline{FT}$



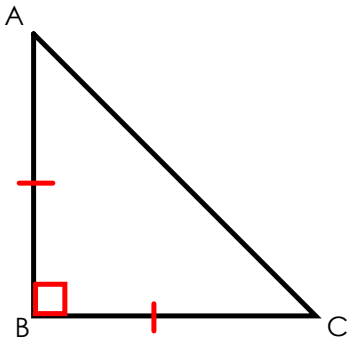
Draw rectangle ABCD and mark the sides with the following information.

$\overline{AB} \cong \overline{CD}$ and $\overline{BC} \cong \overline{AD}$.

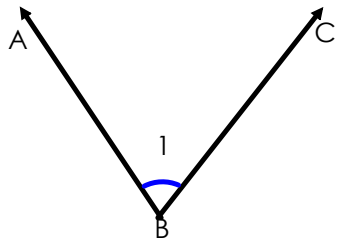


Mark the triangle below with the following information:

In $\triangle ABC$, $\overline{AB} \perp \overline{BC}$ and $\overline{AB} \cong \overline{BC}$

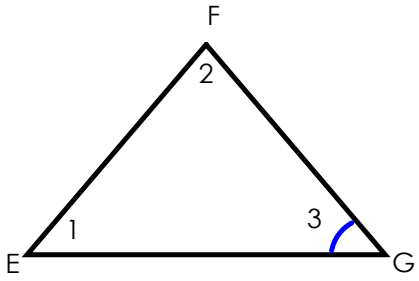


Name the marked angle in three different ways



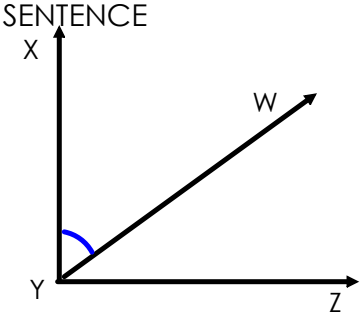
1. ∠1
2. ∠B
3. ∠ABC

Name the marked angle in three different ways



1. ∠3
2. ∠G
3. ∠EGF

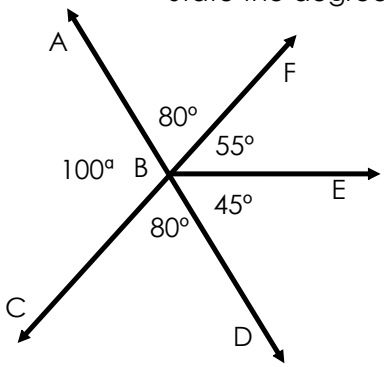
Chris states the marked angled is ∠Y. Why is he incorrect? Answer IN A FULL SENTENCE



∠XYZ

If we only use ∠Y then that could refer to more than one angle. It can be either ∠XYW, or ∠WYZ, or ∠XYZ, because they all share the same vertex.

State the degree measure for each of the following angles:



∠EBD = 45°

∠ABF = 80°

∠ABC = 100°

∠FBE = 55°