

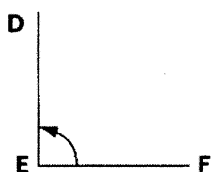
Name: \_\_\_\_\_

**LEARNING GOALS:** I know what supplementary, complementary, and opposite angles are.  
 I know what the angles inside a triangle and a quadrilateral add up to.  
 I can find unknown angles using the above properties.  
 I know classify acute, obtuse, right, and straight angles.

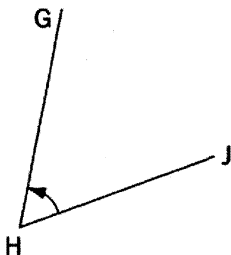
1. Fill in the blanks that define the following:

- (a) Supplementary angles are angles that \_\_\_\_\_
- (b) Complementary angles are angles that \_\_\_\_\_
- (c) Opposite angles are \_\_\_\_\_
- (d) The angles inside a quadrilateral \_\_\_\_\_
- (e) The angles inside a triangle \_\_\_\_\_

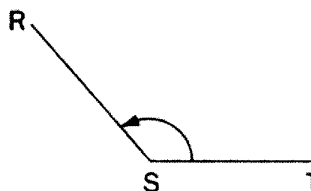
2. Classify the angles in the blanks below:



\_\_\_\_\_



\_\_\_\_\_

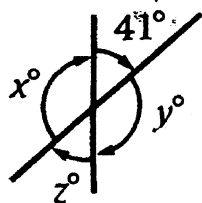


\_\_\_\_\_



\_\_\_\_\_

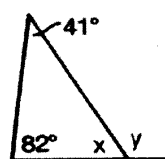
3. State the missing angles measures.



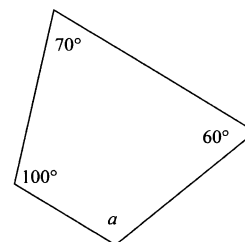
$x =$  \_\_\_\_\_

$y =$  \_\_\_\_\_

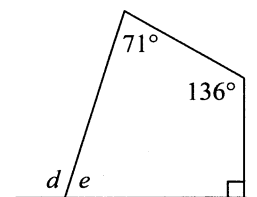
$y =$  \_\_\_\_\_



$x =$  \_\_\_\_\_



$a =$  \_\_\_\_\_



$d =$  \_\_\_\_\_

$y =$  \_\_\_\_\_

$z =$  \_\_\_\_\_

$y =$  \_\_\_\_\_

$e =$  \_\_\_\_\_

$z =$  \_\_\_\_\_

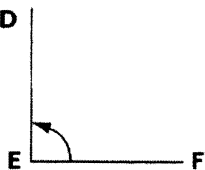
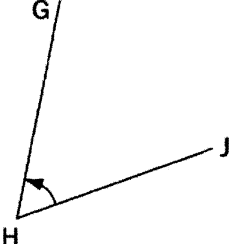
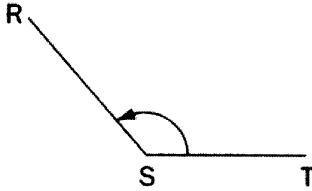
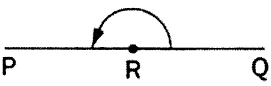
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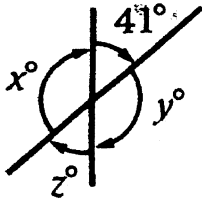
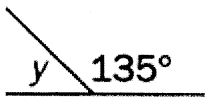
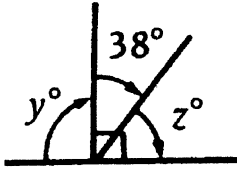
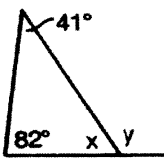
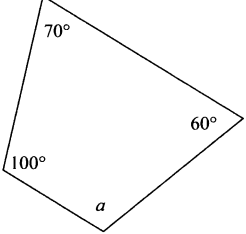
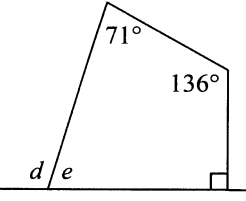
1. Fill in the blanks that define the following:

- (a) Supplementary angles are angles that add to  $180^\circ$
- (b) Complementary angles are angles that add to  $90^\circ$
- (c) Opposite angles are ~~adjacent~~ equal to each other
- (d) The angles inside a quadrilateral add to  $360^\circ$
- (e) The angles inside a triangle add to  $180^\circ$

2. Classify the angles in the blanks below:

			
<u>right</u>	<u>acute</u>	<u>obtuse</u>	<u>straight</u>

3. State the missing angles measures.

					
$x = \underline{139^\circ}$	$y = \underline{45^\circ}$	$y = \underline{90^\circ}$	$x = \underline{57^\circ}$	$a = \underline{130^\circ}$	$d = \underline{117^\circ}$
$y = \underline{139^\circ}$		$z = \underline{52^\circ}$	$y = \underline{123^\circ}$		$e = \underline{63^\circ}$
$z = \underline{41^\circ}$					