

TOPIC 2-3: More Angle Pairs

TERM	DEFINITION	PICTURE
Complementary Angles	TWO angles whose measures have a sum of _____	
Supplementary Angles	TWO angles whose measures have a sum of _____	

PRACTICE:

1. If $\angle A$ and $\angle B$ are supplements, with $m\angle A = 98^\circ$, find $m\angle B$.

2. If $\angle 1$ and $\angle 2$ are complements, with $m\angle 1 = (2x + 20)^\circ$ and $m\angle 2 = (3x + 15)^\circ$, find the measure of $\angle 1$.

Write a sentence about each of the four types of angle pairs we have learned.

1. _____

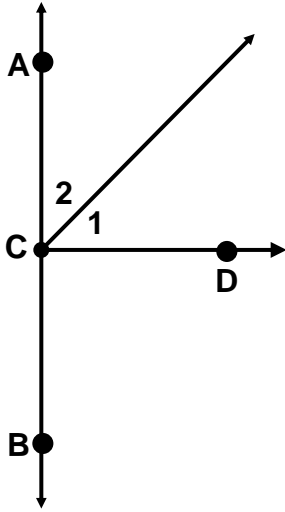
2. _____

3. _____

4. _____

PRACTICE 3

$\overrightarrow{CD} \perp \overleftrightarrow{AB}$, $m\angle 1 = (6x - 3)^\circ$, $m\angle 2 = (7x - 11)^\circ$. Find the measure of $\angle 2$.



Type: _____

$m\angle 2 =$ _____

PRACTICE 4

If $\angle 1$ and $\angle 2$ are supplements, with $m\angle 1 = (3x + 20)^\circ$

and $m\angle 2 = (5x + 8)^\circ$, find the value of 'x'.

x = _____