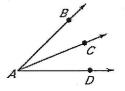
## Angle Pair Relationships Practice Worksheet

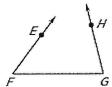
Are tne indicated angles adjacent?

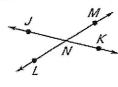
1.  $\angle BAC$  and  $\angle CAD$ 

2.  $\angle EFG$  and  $\angle HGF$ 

3.  $\angle JNM$  and  $\angle LNK$ 







 $\angle 1$  and  $\angle 2$  are complementary angles. Given the measure of  $\angle 1$ , find  $m\angle 2$ . (Show ar the wetter)

 $\angle$  1 and  $\angle$  2 are supplementary angles. Given the measure of  $\angle$ 1, find  $m\angle$ 2. (3how anthough  $\angle$ )

Using the diagram, tell whether the angles are vertical angles, a linear pair, or neither.

12.\_\_\_\_\_ \(\neq 1\) and \(\neq 2\) 13.\_\_\_\_ \(\neq 1\) and \(\neq 3\)

14.\_\_\_\_\_ ∠1 and ∠4 15.\_\_\_\_ ∠1 and ∠5

16.\_\_\_\_\_ ∠1 and ∠6

17.\_\_\_\_\_ ∠1 and ∠7 <u>5</u>

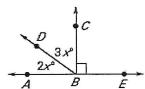


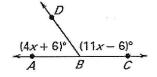
19. ∠2 and ∠4

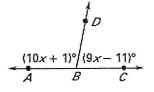
Use the diagrams to find the indicated measurements. You must show all work

$$m \angle ABD = \underline{\hspace{1cm}}$$

$$m \angle ABD =$$







Given:  $m\angle A = (4x-2)^{\circ}$  and  $m\angle B = (11x+17)^{\circ}$  You must show all book,

23. Find x if the angles are *complementary*.

24. Find x if the angles are supplementary.