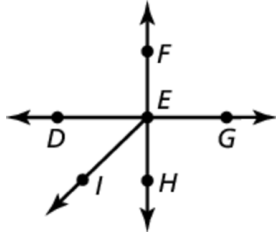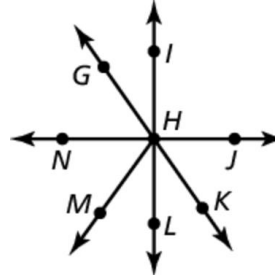Name_____ Date _____

12.1& 12.2

Name a pair of adjacent angles, vertical angles, complementary angles, and supplementary angles in the figure.
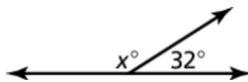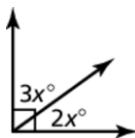
1.

2.

Find the value of *x*.
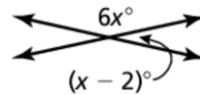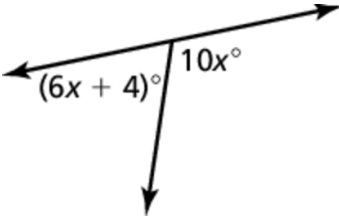
3.

4.

5.

6.

7.

$10x°$

$(6x + 4)°$

8.

$8x°$

$7x°$
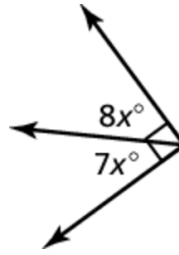
9. What are the measures of the other three angles formed by the intersection?

$132°$ 1 2 3

10. Find the values of x and y.

$155°$

$5y°$

$13x°$