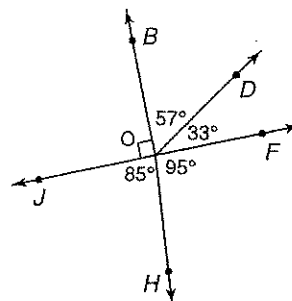


## Skills Practice

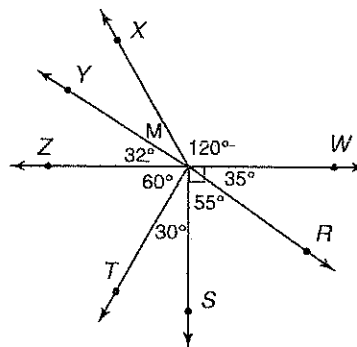
**Complementary and Supplementary Angles**

Refer to the figures at the right.

1. Name a pair of complementary angles.
  2. Name two right angles.
  3. Name three pairs of adjacent supplementary angles.
  4. Find the measure of an angle that is complementary to  $\angle JOH$ .
  5. Find the measure of an angle that is supplementary to  $\angle DOF$ .
  6. Find the measure of  $\angle BOH$ .
  7. Name a pair of complementary angles.
  8. Name two right angles.
  9. Find the measure of an angle that is complementary to  $\angle YMZ$ .
  10. Find the measure of an angle that is supplementary to  $\angle WMT$ .
  11. Find the measure of  $\angle XMY$ .
  12. Is  $\angle YMT$  a right angle? Justify your answer.
  13. Find the measure of an angle that is supplementary to  $\angle XMR$ .
14. Find  $m\angle 3$  if  $\angle 3$  and  $\angle 4$  form a linear pair and  $m\angle 4 = 55$ .
  15. If  $\angle 1$  and  $\angle 2$  form a linear pair and  $m\angle 1 = 130$ , find  $m\angle 2$ .
  16. Angles  $DEF$  and  $XYZ$  form a linear pair. If  $m\angle DEF = 170$ , what is  $m\angle XYZ$ ?
  17. If  $\angle 4$  and  $\angle 8$  are complementary and  $m\angle 4 = 45$ , find  $m\angle 8$ .



Exercises 1-6



Exercises 7-13

3. If  $m\angle 3 = 10$  and  $\angle 3$  and  $\angle 7$  are complementary, what is  $m\angle 7$ ?

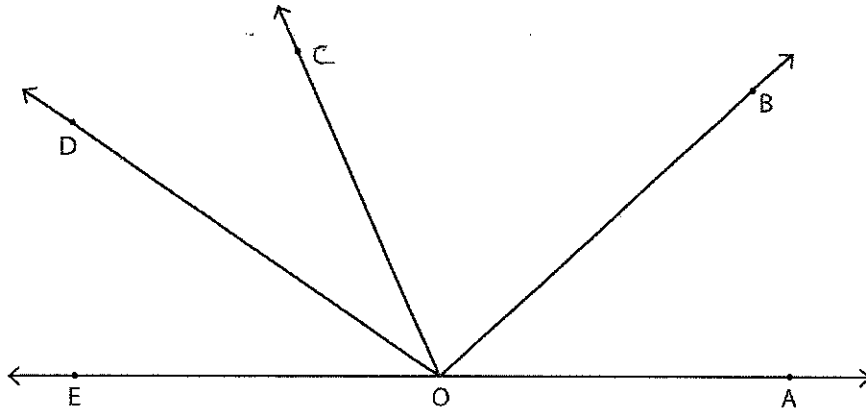
Name: \_\_\_\_\_

Score: \_\_\_\_\_

### Multiple Rays

Identify the type of each angle.

1)



a)  $\angle EOB =$  \_\_\_\_\_

d)  $\angle DOE =$  \_\_\_\_\_

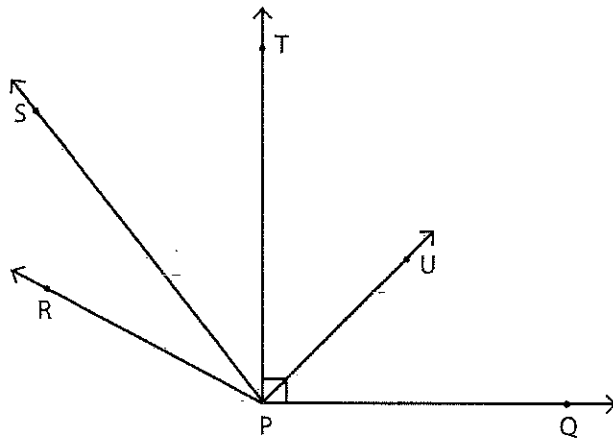
b)  $\angle AOB =$  \_\_\_\_\_

e)  $\angle EOA =$  \_\_\_\_\_

c)  $\angle DOA =$  \_\_\_\_\_

f)  $\angle COD =$  \_\_\_\_\_

2)



a)  $\angle QPT =$  \_\_\_\_\_

d)  $\angle TPS =$  \_\_\_\_\_

b)  $\angle UPQ =$  \_\_\_\_\_

e)  $\angle QPR =$  \_\_\_\_\_

c)  $\angle QPS =$  \_\_\_\_\_

f)  $\angle RPT =$  \_\_\_\_\_