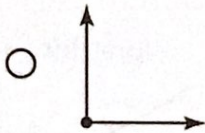Name _____

Answer the questions below.

1. Which words best complete this statement:

Intersecting lines _____.

- ○ never meet
- ○ cross at one point
- ○ are parallel
- ○ have two endpoints

2. Which figure shows one ray?

- ○
- ○
- ○
- ○

3. Which is always perpendicular?

- ○ a vertex
- ○ sides of an acute angle
- ○ sides of a right angle
- ○ sides of an obtuse angle

4. Writing to Explain Draw two line segments that intersect, but NOT at right angles. Label the endpoints of one segment M and N. Label the endpoints of the other segment V and W. Label acute angles A. Label obtuse angles O. What math term names where the segments meet?
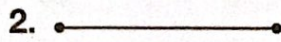
Lines, Segments, and Angles
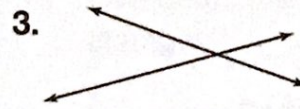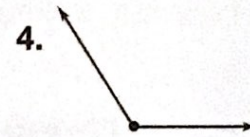
Write the name for each.

1. ←————→   2. •————•   3.   4.

_____   _____   _____   _____

_____   _____   _____   _____

Draw and label a picture of each.

5. Point   6. Ray   7. Acute angle   8. Parallel lines

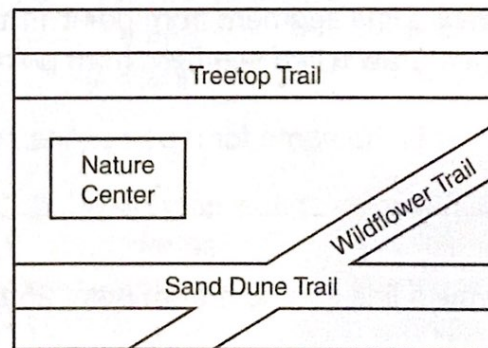9. Right angle   10. Line segment   11. Obtuse angle   12. Line

Use the map. Tell if the trails are parallel or intersecting.

13. Treetop and Sand Dune

_____

14. Sand Dune and Wildflower

_____

15. **Reasoning** Jill said that an
angle is made of two rays. Is she
correct? Explain.

_____

_____

Treetop Trail

Nature
Center

Wildflower Trail

Sand Dune Trail

16. At what time do the hands of a
clock form an acute angle?
    ○ 2:00   ○ 4:00
    ○ 6:00   ○ 8:00