

**Geometry**

**Unit: Lines and the Coordinate Plane**

**Section: Slope of a Line**

**Bucket Game: Positive, Negative Zero and Undefined Slope**

**Directions: Determine whether the slope that passes through each pair of points is positive, negative, zero, or undefined.**

1. (4, 5) and (9, 8)
2. (3, negative 2) and (4, negative 2)
3. (4, 5) and (negative 7, 6)
4. (negative 1, negative 6) and (9, 2)
5. (negative 3, 8) and (negative 3, 10)
6. (5, 0) and (8, 0)

Answers:

1. positive
2. zero
3. negative
4. positive
5. undefined
6. zero