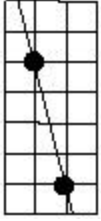


**“Operation: Algebra”**  
**The Slope of a Line**  
**Pre-Test**

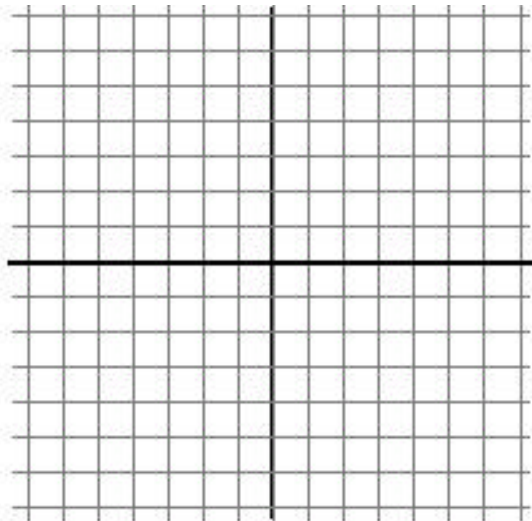
1. Find the slope of this line.



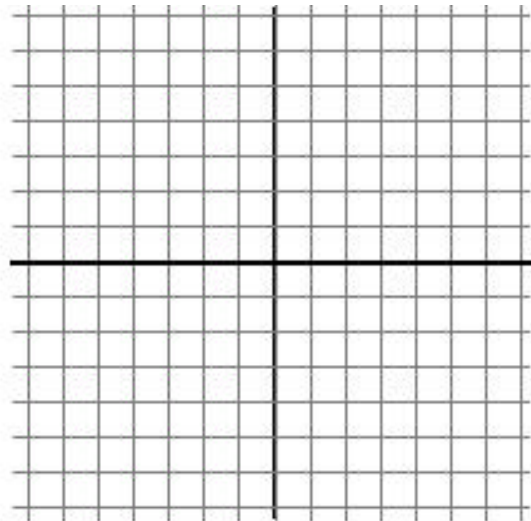
2. Determine the slope of the line which passes through (4, 1) and (5, 6).

3. Explain why the slope of a vertical line is undefined.

4. Graph the line through (3, 3) with a slope of  $\frac{1}{2}$ .



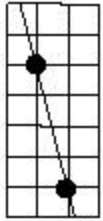
5. Graph the line through point (6, 2) with a slope of 0.



**“Operation: Algebra”  
The Slope of a Line**

**Program Assessment**

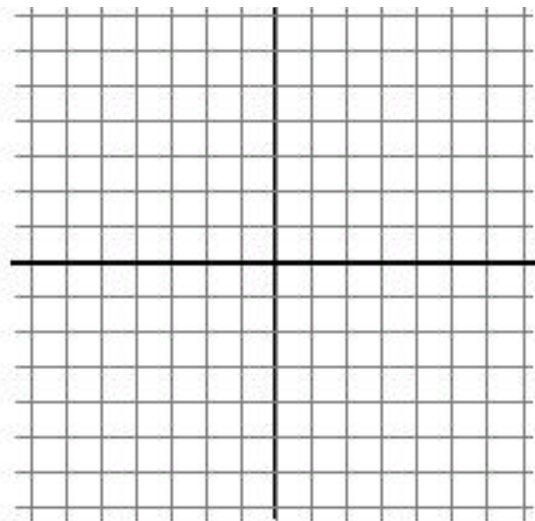
1. Find the slope of this line.



2. Determine the slope of the line which passes through (3, 5) and (2, 7).

3. Explain why the slope of a horizontal line is zero.

4. Graph the line through (4, 2) with a slope of  $\frac{2}{3}$ .



5. Graph the line through point (3, 1) with an undefined slope.

