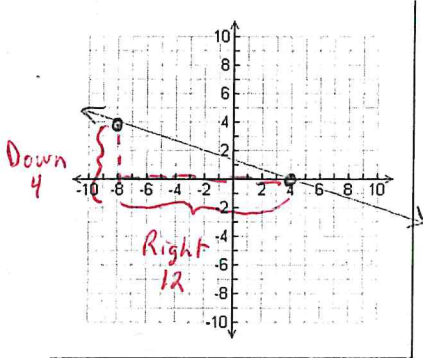


## Finding Slope (Given a Graph)

Unit 3: Introduction to Functions

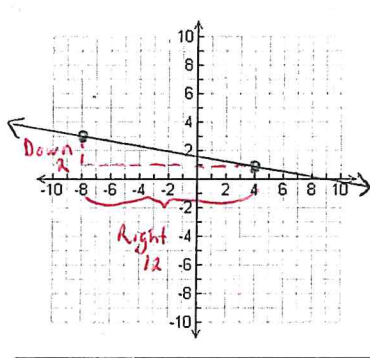
Find the slope of the line:

1.



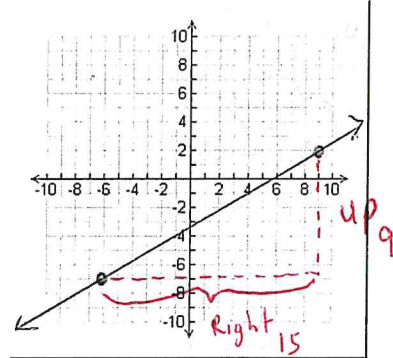
$$\frac{\text{Fall}}{\text{Run}} = \frac{-4}{12} = \boxed{-\frac{1}{3}}$$

2.



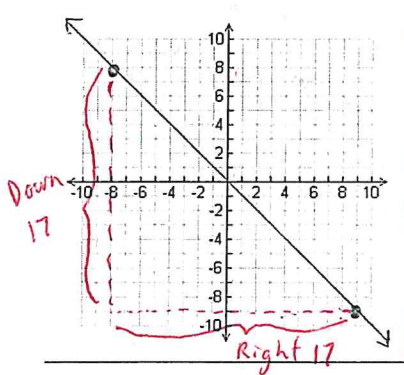
$$\frac{\text{Fall}}{\text{Run}} = \frac{-2}{12} = \boxed{-\frac{1}{6}}$$

3.



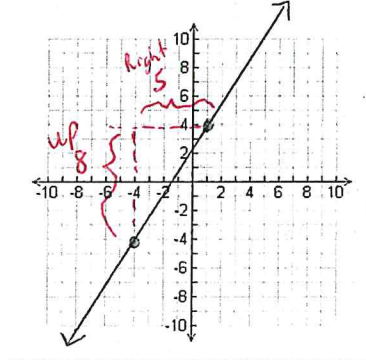
$$\frac{\text{Rise}}{\text{Run}} = \frac{9}{15} = \boxed{\frac{3}{5}}$$

4.



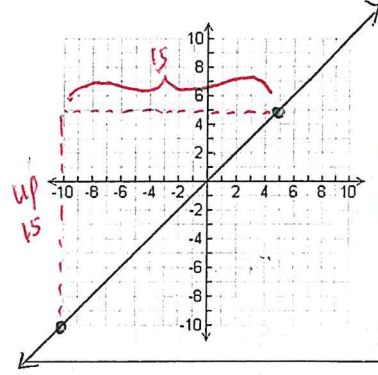
$$\frac{\text{Fall}}{\text{Run}} = \frac{-17}{17} = \boxed{-1}$$

5.



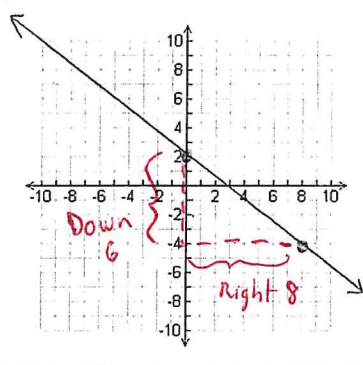
$$\frac{\text{Rise}}{\text{Run}} = \boxed{\frac{8}{5}}$$

6.



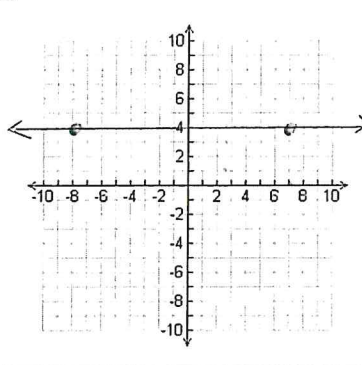
$$\frac{\text{Rise}}{\text{Run}} = \frac{15}{15} = \boxed{1}$$

7.



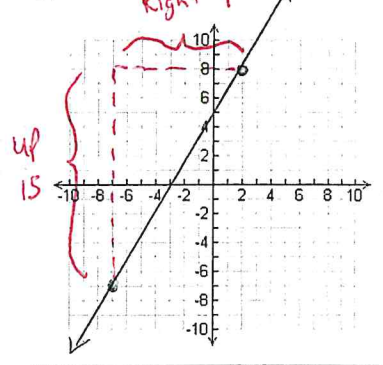
$$\frac{\text{Fall}}{\text{Run}} = \frac{-6}{8} = \boxed{-\frac{3}{4}}$$

8.



$$\frac{\text{Rise}}{\text{Run}} = \frac{0}{15} = \boxed{0}$$

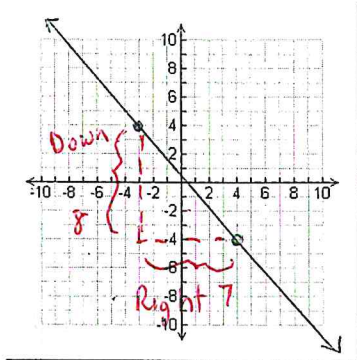
9.



$$\frac{\text{Rise}}{\text{Run}} = \frac{15}{9} = \boxed{\frac{5}{3}}$$

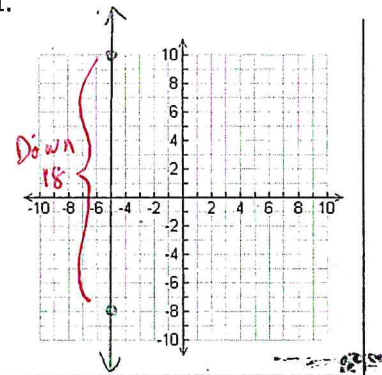
Find the slope of the line:

10.



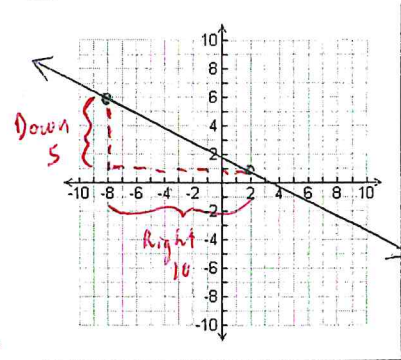
$$\frac{\text{Fall}}{\text{Run}} = \frac{-8}{7}$$

11.



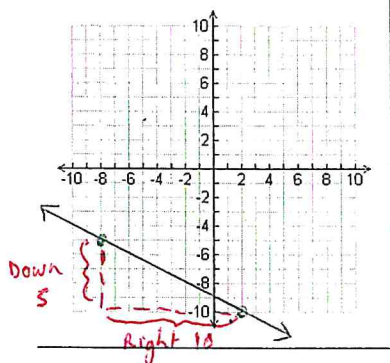
$$\frac{\text{Rise}}{\text{Run}} = \frac{18}{0} = \text{Undefined}$$

12.



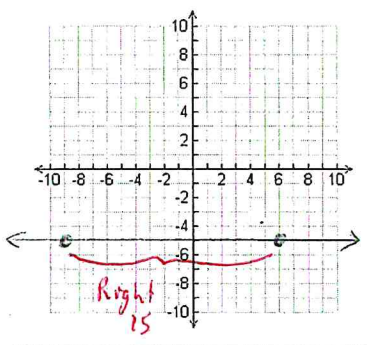
$$\frac{\text{Fall}}{\text{Run}} = \frac{-5}{10} = \frac{-1}{2}$$

13.



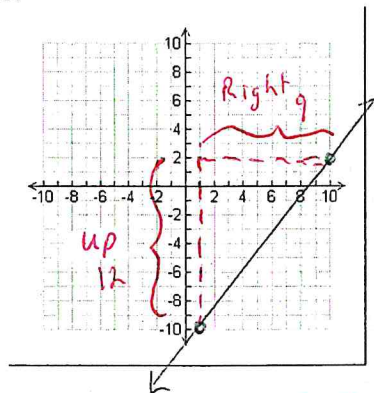
$$\frac{\text{Fall}}{\text{Run}} = \frac{-5}{10} = \frac{-1}{2}$$

14.



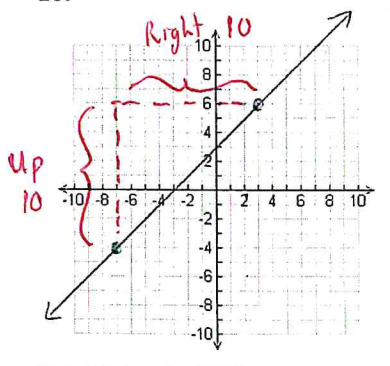
$$\frac{\text{Rise}}{\text{Run}} = \frac{0}{15} = 0$$

15.



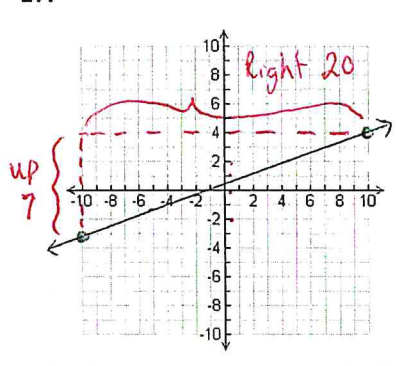
$$\frac{\text{Rise}}{\text{Run}} = \frac{12}{9} = \frac{4}{3}$$

16.



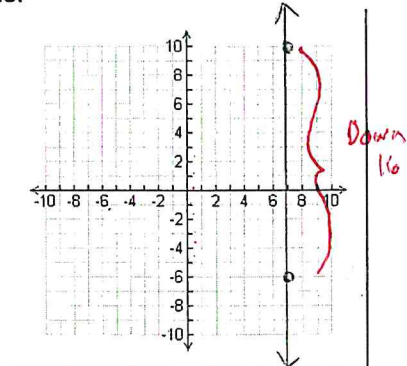
$$\frac{\text{Rise}}{\text{Run}} = \frac{10}{10} = 1$$

17.



$$\frac{\text{Rise}}{\text{Run}} = \frac{7}{20}$$

18.



$$\frac{\text{Fall}}{\text{Run}} = \frac{16}{0} = \text{Undefined}$$