

Find the slope, y-intercept, & the equation

① $\begin{cases} (1, 0) \\ (0, -2) \end{cases}$

② $\begin{cases} (1, 0) \\ (4, -3) \end{cases}$

③ $\begin{cases} (6, 8) \\ (-5, 7) \end{cases}$

④ $\begin{cases} (8, 12) \\ (-12, 8) \end{cases}$

⑤ $\begin{cases} (17, 5) \\ (15, -3) \end{cases}$

⑥ $\begin{cases} (-1, 0) \\ (0, 4) \end{cases}$

⑦ $\begin{cases} (-5, -3) \\ (-3, 5) \end{cases}$

⑧ $\begin{cases} (5, 12) \\ (-7, 6) \end{cases}$

⑨ $\begin{cases} (15, 4) \\ (3, -2) \end{cases}$

⑩ $\begin{cases} (18, 7) \\ (9, -15) \end{cases}$

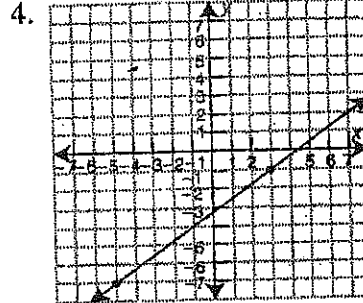
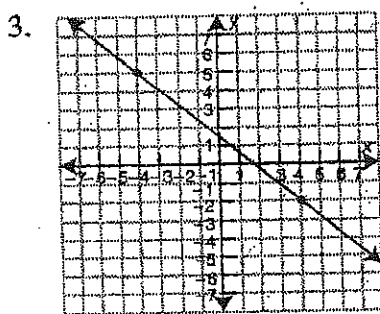
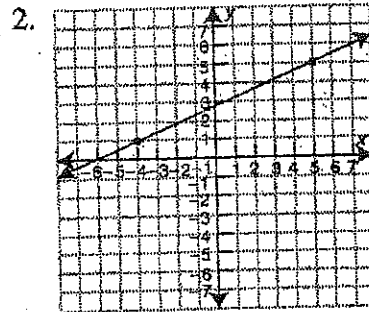
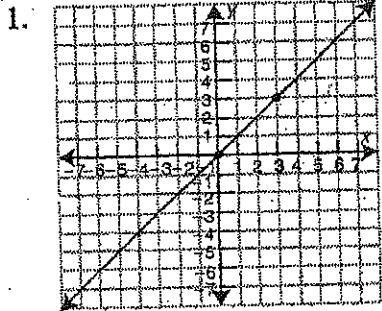
NAME _____

CLASS _____

DATE _____

EXTRA PRACTICE 8.3 SLOPE

Find the slope of each line.



Find the slope of the line through each pair of points, and write the equation $y =$

5. $(4, -3)$ and $(-3, 3)$ _____

6. $(-8, 2)$ and $(0, 0)$ _____

7. $(6, -1)$ and $(-4, 4)$ _____

8. $(0, 0)$ and $(3, 6)$ _____

9. $(3.5, 1.4)$ and $(5, 0.8)$ _____

10. $(-8, \frac{1}{4})$ and $(4, \frac{1}{2})$ _____

11. $(-6, -6)$ and $(4, 4)$ _____

12. $(-4, 5)$ and $(3, -2)$ _____

13. A straight line on a graph passes through the points $(3, 4)$ and $(1, -5)$. Find two other points that lie on the same line.

14. A straight line on a graph passes through the points $(-3, 1)$ and $(3, -1)$. Find two other points that lie on the same line.