

NAME _____

DATE _____

PER. _____

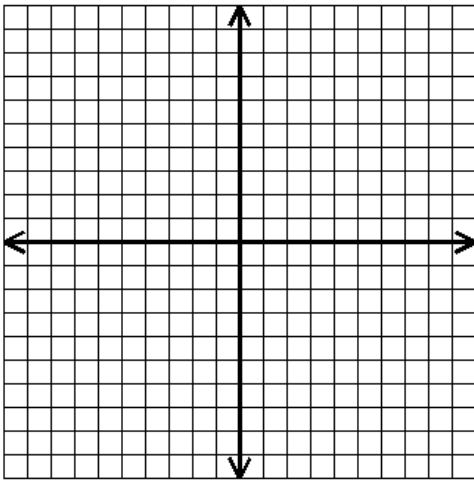
Graphing Special Cases

For each equation, identify the slope and y-intercept and then sketch its graph.

1. $y = 2$

m = _____

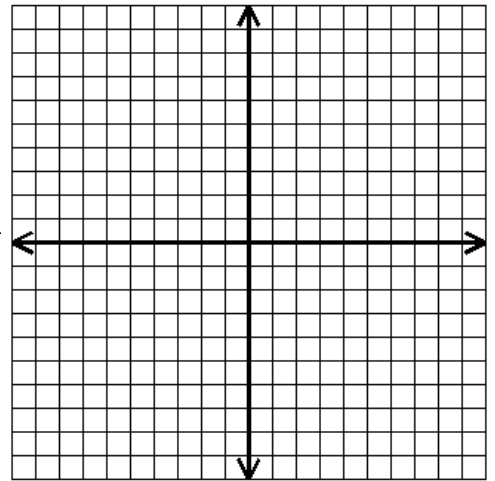
b = _____



2. $y = x + 4$

m = _____

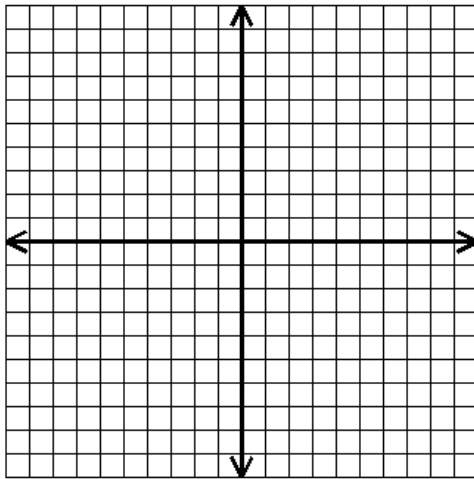
b = _____



3. $y = -\frac{3}{5}x + 4$

m = _____

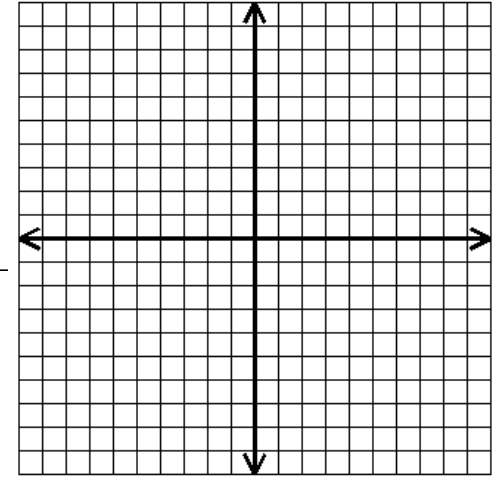
b = _____



4. $x = -2$

m = _____

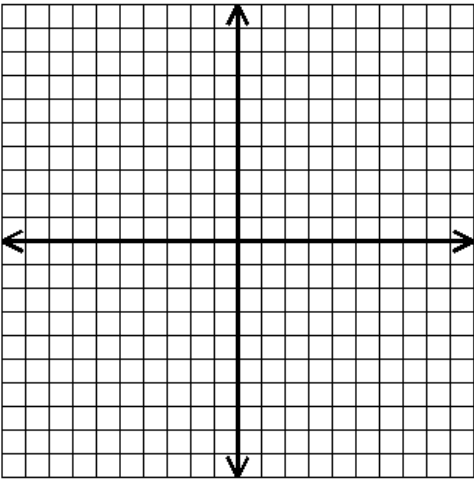
b = _____



5. $x = 7$

m = _____

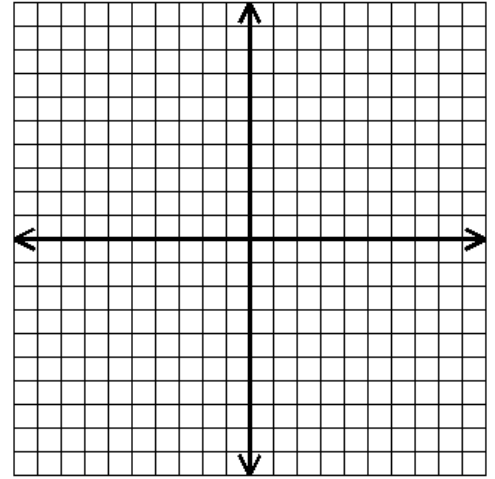
b = _____



6. $y = -x$

m = _____

b = _____



Find the slope of the line through the given points.

7. $(-7, 1)$ and $(7, 8)$

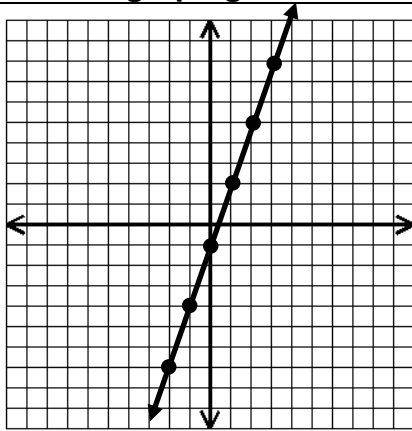
8. $(-2, 3)$ and $(-2, 6)$

9. $(3r, r)$ and $(5r, 2r)$

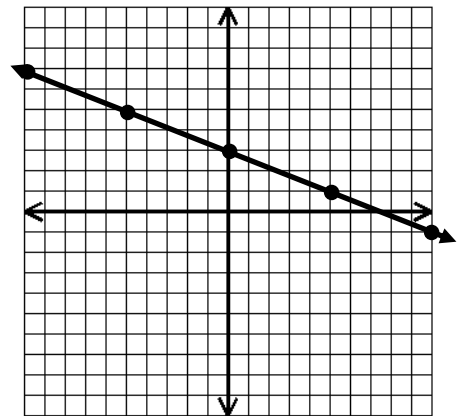
10. $(2x^3y^2, 3xy)$ and $(5x^3y^2, 7xy)$

Find the slope for each graph given.

11. _____

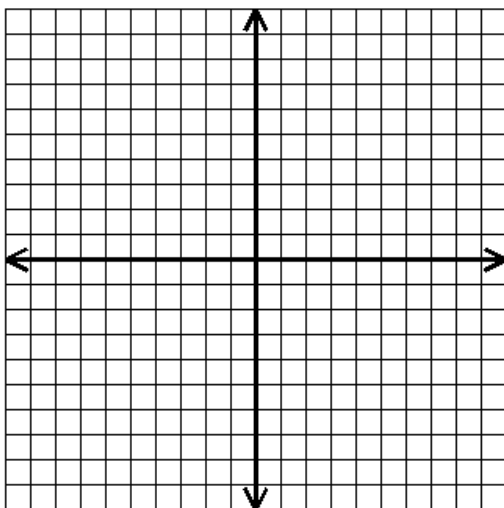


12. _____

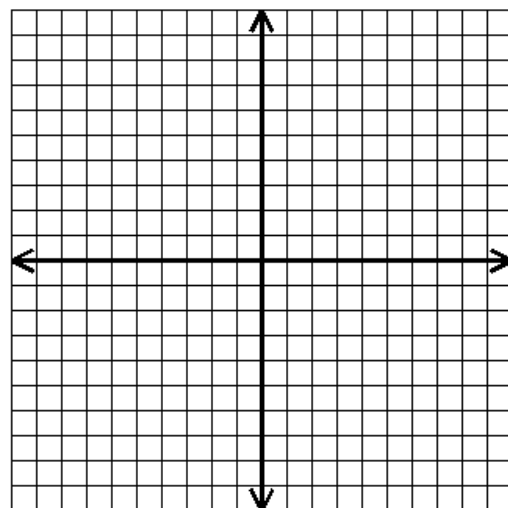


Graph each line using the information given.

13. $y = \frac{1}{3}x - 2$ $m =$ _____ $b =$ _____



14. $P(-3, 2)$, $m = -2$



Answers in random order: $\frac{1}{2}$, undefined, undefined, 2, 3, 0, 0, none, none, 1, $-\frac{3}{5}$,
undefined, $\frac{1}{2}$, $-\frac{2}{5}$, 4, -2, 4, -1, $\frac{1}{3}$, $\frac{4}{3x^2y}$