

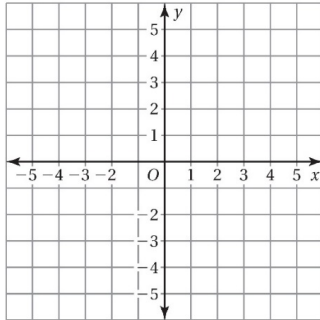
Name: _____

Period: _____

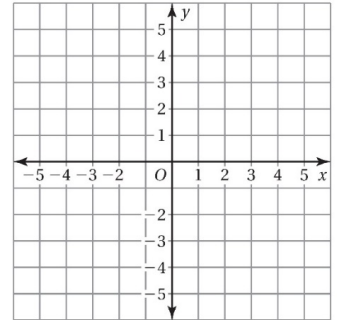
4.1- 4.3 Review (Part 1)

Graph the function. (Clue: create a input-output table)

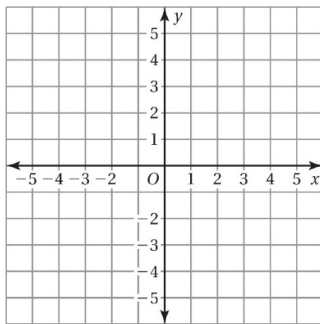
1) $y = x - 4$



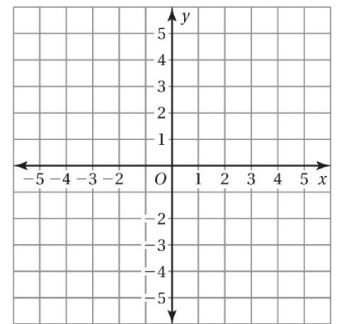
2) $y = -3x + 1$



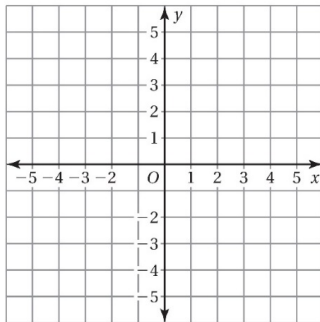
3) $-2x + y = 3$



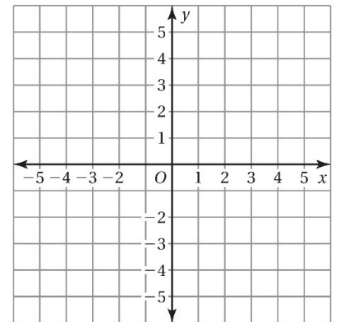
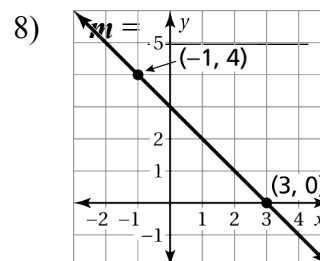
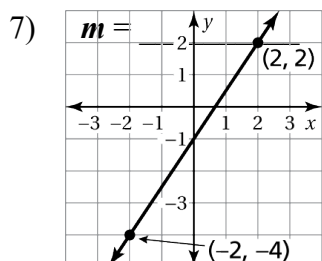
4) $y = \frac{x}{3} - 4$



5) $x = -3$



6) $y = 3.5$

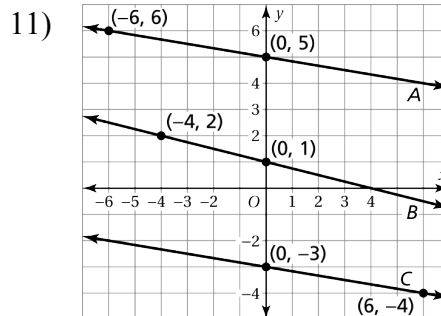
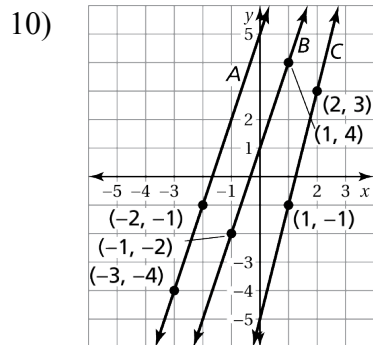
Find the slope of the line in *simplest form*.

9) Find the slope of the line that passes through the points. Write your answer in simplest form.

a) $(-1, -4)$ and $(1, 4)$ $m =$ _____ b) $(1, 2)$ and $(-3, 2)$ $m =$ _____

c) $(4, 8)$ and $(4, 12)$ $m =$ _____ d) $(-3, -6)$ and $(6, 6)$ $m =$ _____

Which lines are parallel? How do you know?



12) The number y of hours of cello lessons that you take after x weeks is represented by the equation $y = 3x$. and interpret the slope.

a) Graph the equation using at least 4 ordered pairs. Be sure to label both axis!

b) What is the slope of the line?

c) Interpret (explain the meaning of) the slope.

