Writing Rules (Equations) – Worksheet #9

Write a rule (equation) for each. Remember the two pieces of information you’ll need before you can write that equation!!

1) ________________  2) ________________

3) ________________  4) ________________

Write a rule (equation) for each line when given the slope and a point that the line passes through.

5) has a slope of 4, and passes through (7, 16)  6) has a slope of $\frac{-1}{2}$, and passes through (-10, -3)
Write a rule (equation) for the line passing through the given points.

7) passes through (-5, 2) and (-1, 10)

8) passes through (4, 5) and (8, 3)

9) passes through (6, 0) and (8, -12)

10) passes through (7, -8) and (7, 21)