**Linear Equations Practice #2**

Write the equation of each line in slope-intercept form.

1. The line has slope −110 and goes through the point (10, 2).
2. The line has slope -75 and goes through the point (0, 125).
3. The line has slope 10 and goes through the point (8, -2).
4. The line goes through the points (-2, 3) and (-1, -2).
5. The line contains the points (10, 12) and (5, 25).
6. The line goes through the points (2, 3) and (0, 3).
7. The line has a slope of 35 and a *y*−intercept of -3.
8. The line has a slope of -6 and a *y*−intercept of 0.5.

Find the x-intercept and y-intercept of the following lines and graph.

1. 5*x*−2*y*=15
2. 3*x*+6*y*=24
3. *x*−8*y*=12
4. 3*x*−7*y*=21
5. 9*x*−9*y*=27
6. 6*x*+*y*=3

Graph the following equations.

1. *y*=3*x*−8
2. *y*−2=−2(*x*+3)
3. 2*y*=6*x*+8
4. *y*=3/2*x*+5
5. *y*+6=2/3(*x*+3)
6. 3*y*+5=4(*x*−1)