**Linear Equations Practice #1**

Find the equation of each line in slope–intercept form.

1. The line has a slope of 7 and a *y*−intercept of -2.
2. The line has a slope of -5 and a *y*−intercept of 6.
3. The line has a slope of −14 and contains the point (4, -1).
4. The line has a slope of 23 and contains the point (12,1).
5. The line has a slope of -1 and contains the point (45,0).
6. The line contains points (2, 6) and (5, 0).
7. The line contains points (5, -2) and (8, 4).
8. The line contains points (3, 5) and (-3, 0).
9. The line contains points (10, 15) and (12, 20).
10. 
11. 
12. 
13. 
14. 

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)