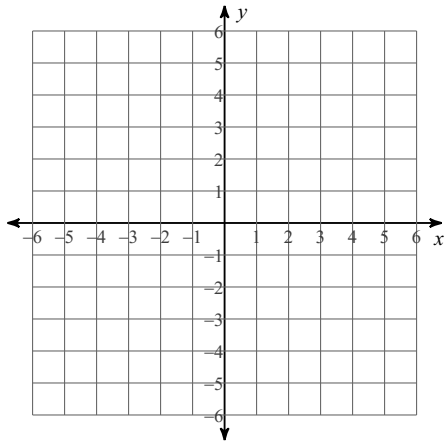


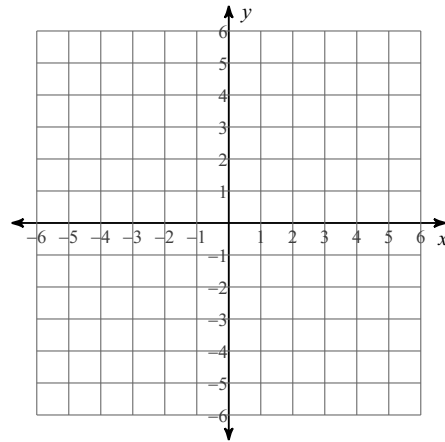
4.3 Homework and Answers

Sketch the graph of each line.

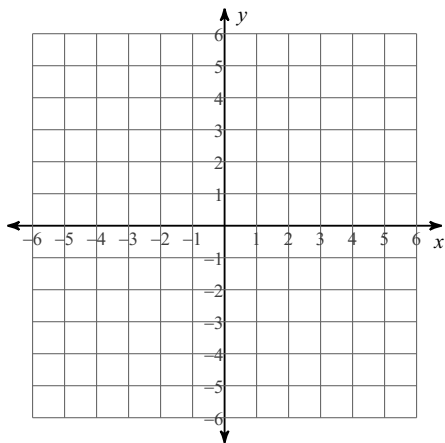
1) $y = -2x + 4$



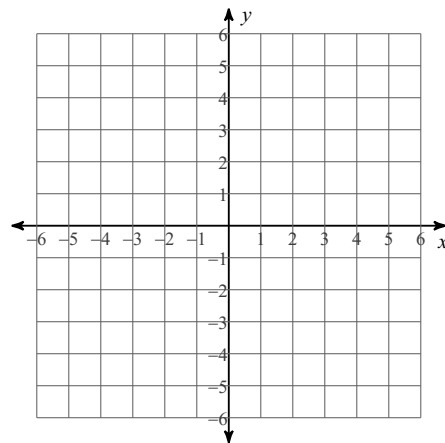
2) $y = -4x$



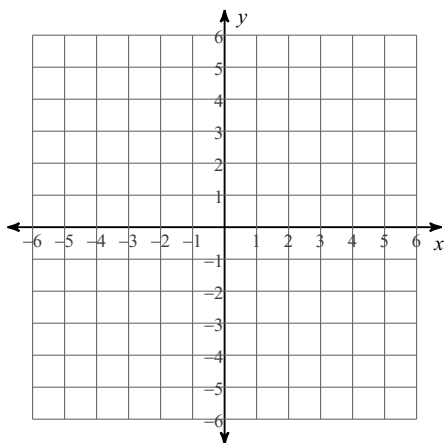
3) $y = \frac{3}{2}x - 2$



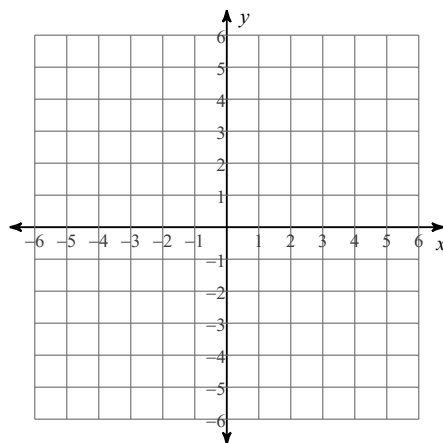
4) $y = \frac{2}{5}x - 2$



5) x -intercept = 2, y -intercept = 3



6) x -intercept = -5, y -intercept = -3

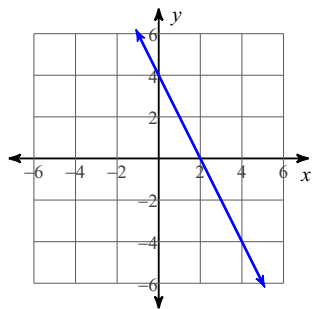


7) Write the equations for #5 and #6 above in slope-intercept form

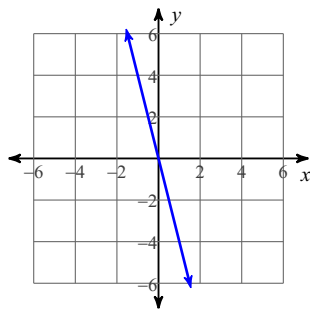
8) If the slope of a linear regression modeling the number of ounces of coffee consumed vs. the number of hours of sleep a person gets is -0.1 , what does that mean in context?

Answers to 4.3 Homework and Answers (ID: 1)

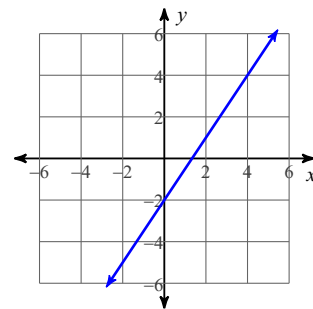
1)



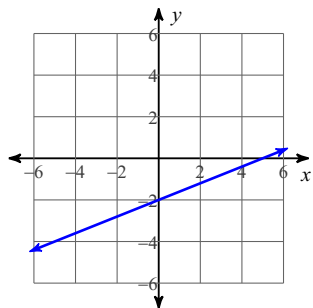
2)



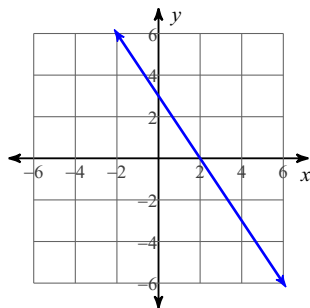
3)



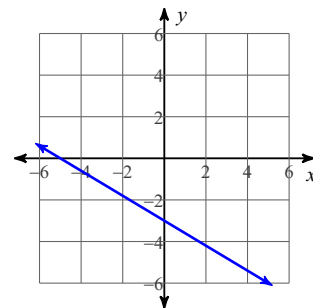
4)



5)



6)



7) $y = (-3/2)x + 3$

$y = (-3/5)x - 3$

8) It means that for every ounce of coffee a person drinks, he or she gets 1/10 fewer hours of sleep (in other words, 6 fewer minutes)