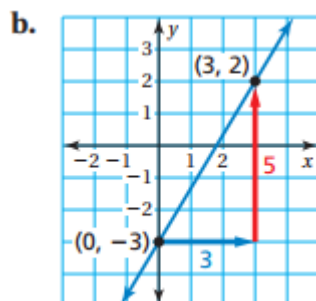
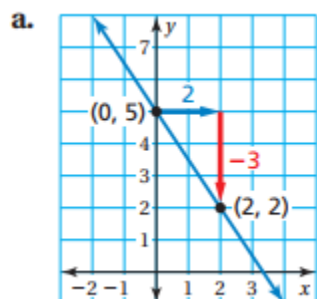


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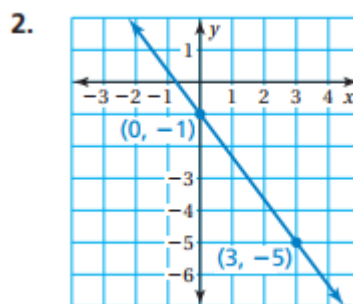
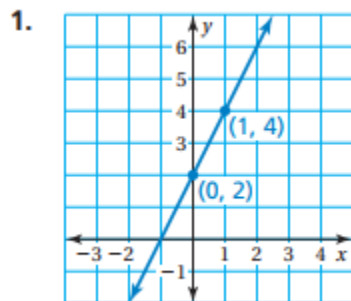
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Writing Equations in Slope-Intercept Form Algebra (Grade 8)

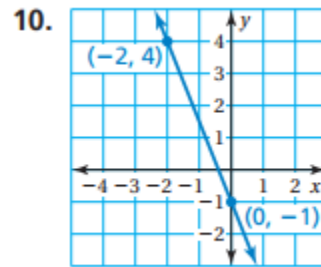
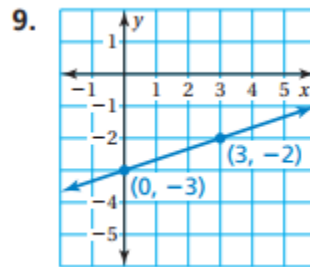
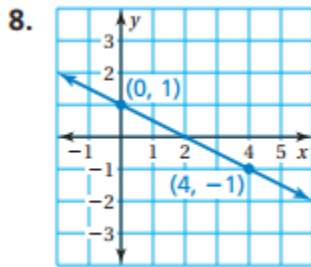
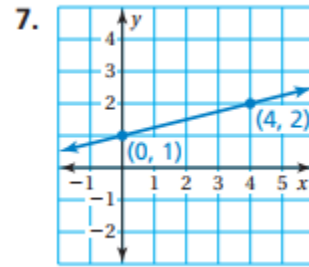
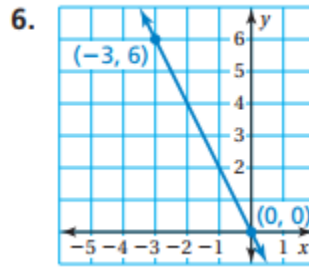
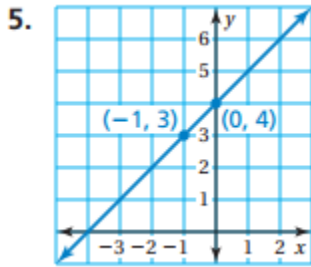
Exercise #1: Write the equation of each line shown in the form $y = mx + b$. m is the slope and b is the y-intercept.



Exercise #2: Write the equation of each line shown in the form $y = mx + b$. m is the slope and b is the y-intercept.

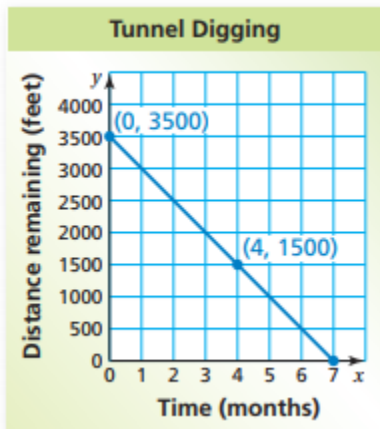


Exercise #3: Write the equation of each line shown in the form $y = mx + b$. m is the slope and b is the y-intercept.



Exercise #3: Applications.

The graph shows the distance remaining to complete a tunnel.
 (a) Write an equation that represents the distance y (in feet) remaining after x months. (b) How much time does it take to complete the tunnel?



12. **BOA** A boa constrictor is 18 inches long at birth and grows 8 inches per year. Write an equation that represents the length y (in feet) of a boa constrictor that is x years old.