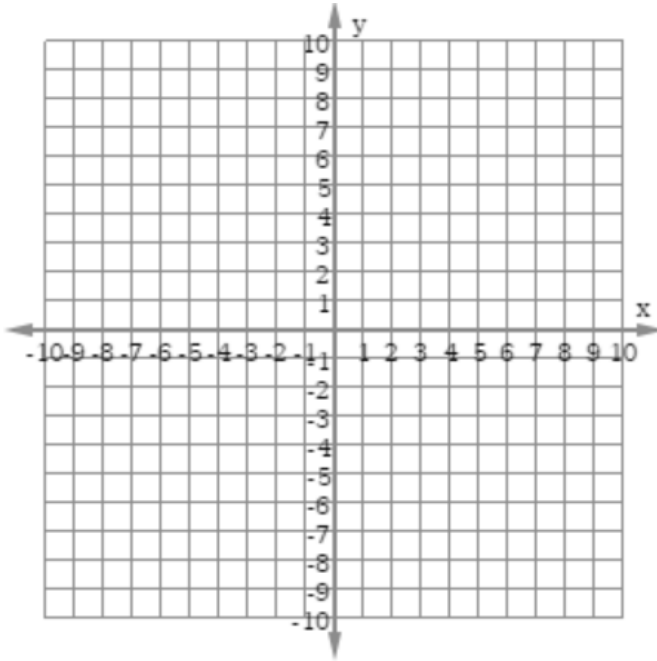


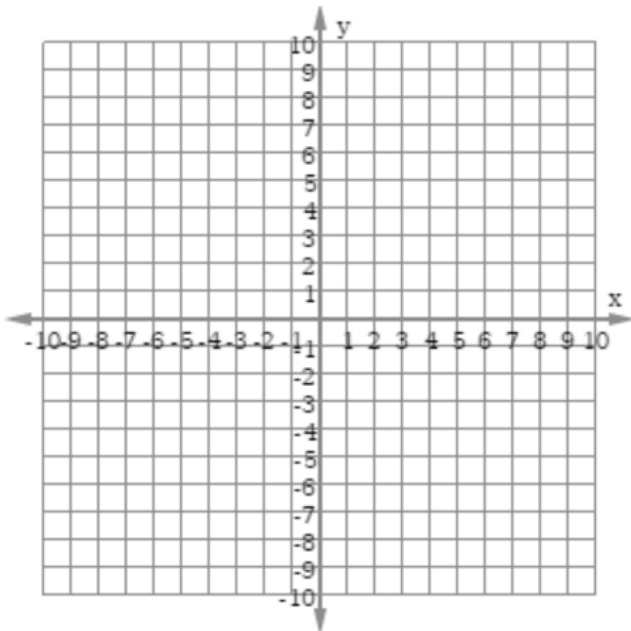
2016 Mathematics Standards of Learning  
Algebra Readiness Formative Assessment

8.16d

1. Graph the equation  $y = \frac{3}{4}x - 1$ .

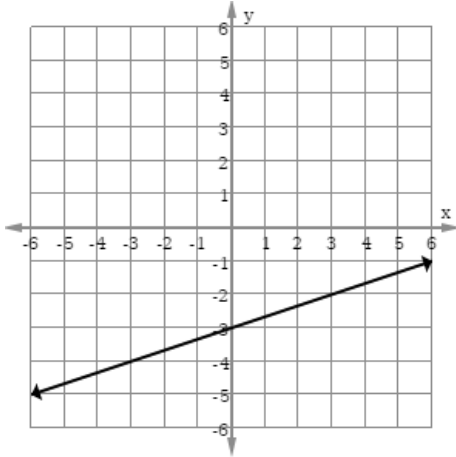


2. Plot three points that lie on the line  $y = -3x + 2$ .



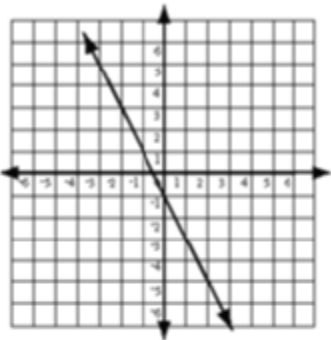
2016 Mathematics Standards of Learning  
Algebra Readiness Formative Assessment

3. What is the equation for the line graphed below?

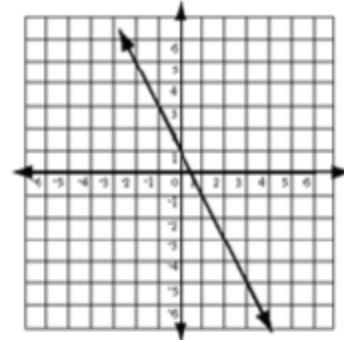


4. Which graph corresponds to  $y = -2x - 1$ ?

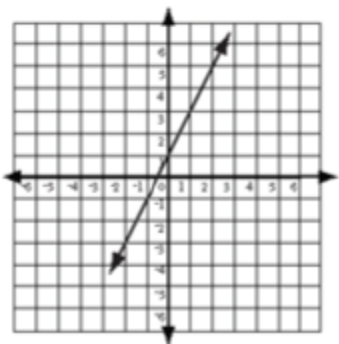
**Graph A**



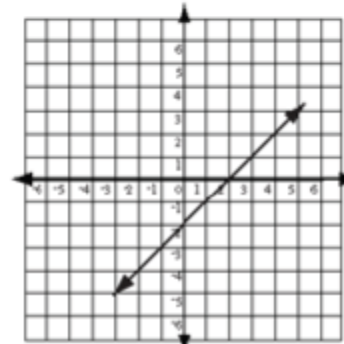
**Graph B**



**Graph C**

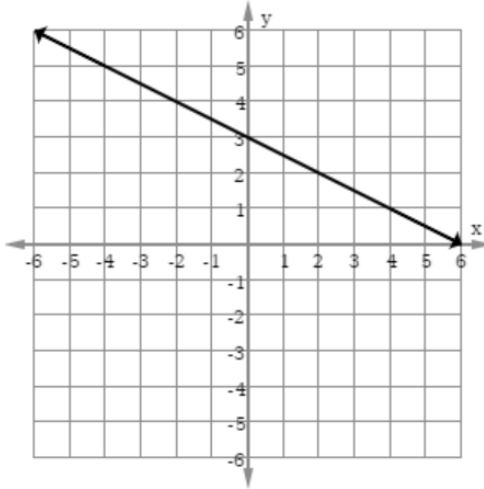


**Graph D**

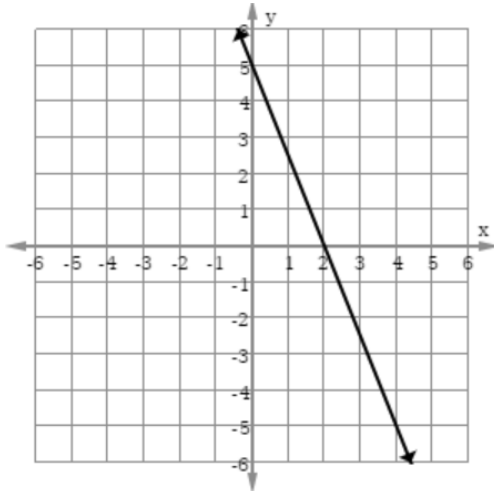


2016 Mathematics Standards of Learning  
Algebra Readiness Formative Assessment

5. Which linear equation best represents the graph below?



- A.  $y = -\frac{1}{2}x + 2$
  - B.  $y = -2x + 2$
  - C.  $y = -\frac{1}{2}x + 3$
  - D.  $y = -2x + 3$
6. Which linear equation represents the same relationship shown in the graph below?



- A.  $y = -\frac{2}{5}x + 2$
- B.  $y = -\frac{2}{5}x + 5$
- C.  $y = -\frac{5}{2}x + 2$
- D.  $y = -\frac{5}{2}x + 5$