Unit 1B Day 2 Review Practice — Part A

Slope and intercept, graphs, and point-slope form

Name: _____ HR: _____ Date: _____

Directions: Show work. Questions 1–3 review prerequisite skills.

1. Find the slope through (−2, 1) and (2, 7).	**2.** Solve for y. $y-3=2(x+4)$	**3.** Distribute. $-\frac{2}{3}(x-6)$
4. Write the equation. $m=\frac{2}{3},\ b=-5$	**5.** Write the equation. $m=-\frac{1}{2},\ b=4$	**6.** Write the equation. $m=\frac{3}{4},\ b=-2$
7. Write the equation. $m=-\frac{2}{5},\ b=1$	**8.** Write the equation. $m=\frac{5}{3},\ b=-6$	**9.** Write the equation. $m=-\frac{3}{2},\ b=3$
10. Write a line through (−3, 2) with slope $m=4$.	**11.** Write a line through (2, −5) with slope $m=-3$.	**12.** Write a line through (−4, 3) with slope $m=2$.

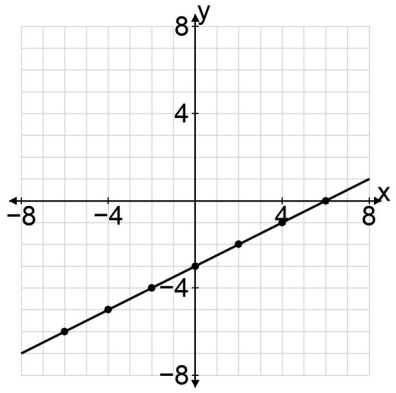
Unit 1B Day 2 Review Practice — Part A

Slope and intercept, graphs, and point-slope form

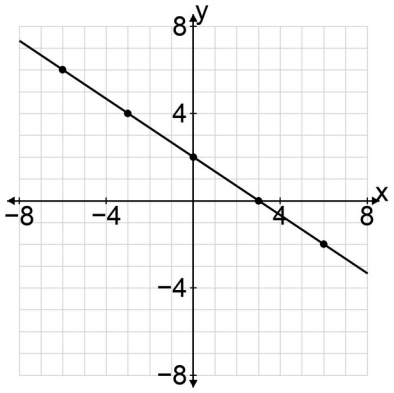
Name: _____ HR: _____ Date: _____

Directions: Show work. Simplify equations to slope-intercept form and include units in word problems.

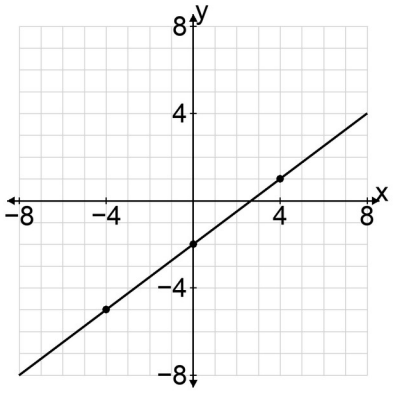
13. Write the equation.
State the slope and y-intercept.



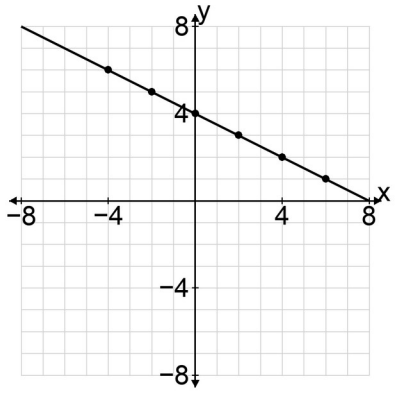
14. Write the equation.
State the slope and y-intercept.



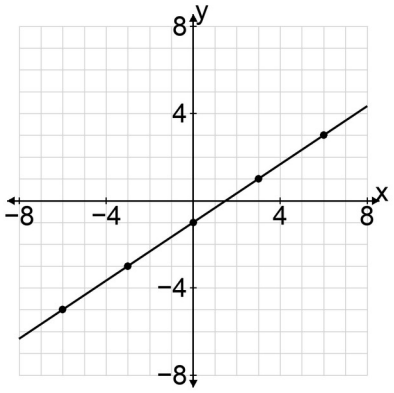
15. Write the equation.
State the slope and y-intercept.



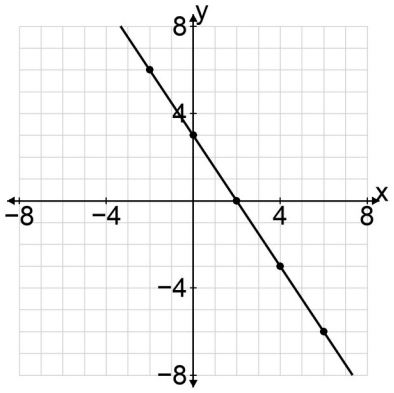
16. Write the equation.
State the slope and y-intercept.



17. Write the equation.
State the slope and y-intercept.



18. Write the equation.
State the slope and y-intercept.



19. Write a line through (3, 1) with slope $m = -2$.

20. Write a line through (−2, 4) with slope $m = \frac{3}{2}$.

21. Write a line through (4, −1) with slope $m = -\frac{1}{2}$.