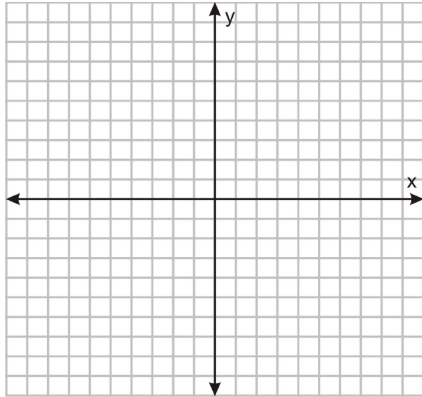


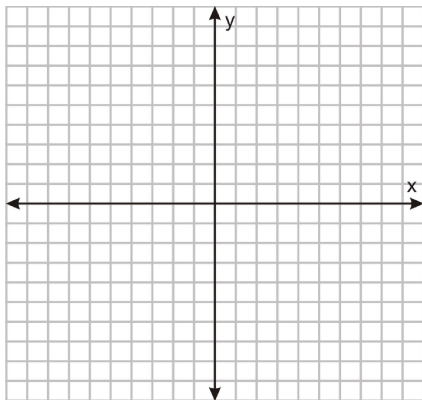
Unit 5 REVIEW

Graph each equation.

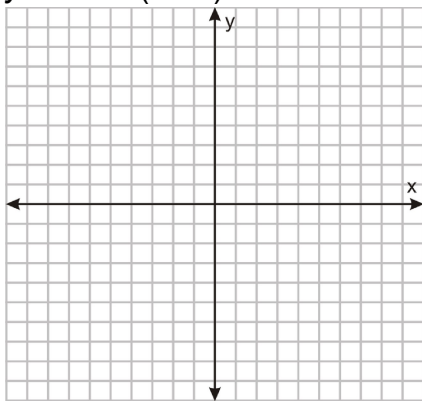
1 $3x + 6y = -12$



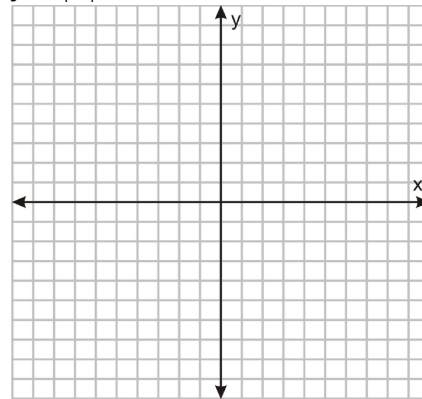
2 $y = \frac{2}{5}x - 6$



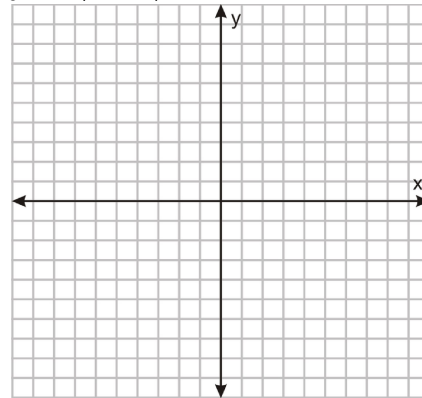
3 $y + 4 = -3(x - 1)$



4 $y = |x| + 7$



5 $y = -|x + 3|$



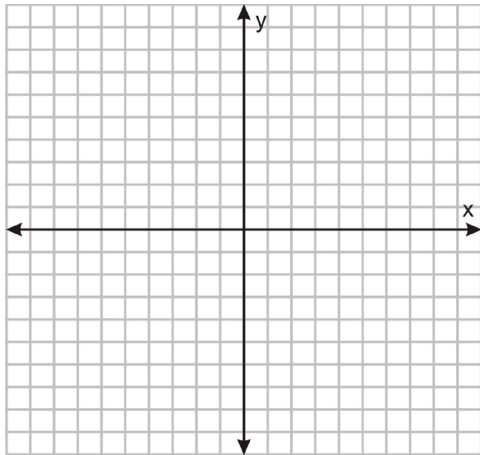
Write each equation in slope-intercept form.

6 $10x + 5y = -35$

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

**Find the x -intercept and y -intercept.
Then graph the equation.**

8 $4x - 7y = -28$



**Write an equation in point-slope form
for the line that has the given slope m
and that passes through the given
point.**

9 $m = -\frac{9}{5}; (-5, 6)$

**Write an equation in slope-intercept
form for the line that passes through
the given points.**

10 $(2, -3)$ and $(-8, 5)$

**Write an equation in slope-intercept
form for the line that passes through
the given point and is perpendicular
to the given line.**

11 $(4, -7); y = 3x + 17$