

Name: _____

Math 10
Review for Linear Equations Retest

1. Calculate the x and y intercepts of $3x - 2y - 24 = 0$

2. Rewrite the equation $y - 2 = -\frac{3}{4}(x + 5)$ into

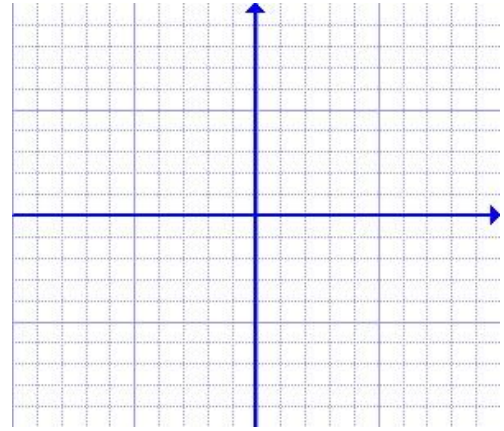
a) slope-intercept form

b) general form

3. $(-10, 8)$ and $(-12, -19)$ are both points on a line. Write 2 possible equations using slope-point form.

4. What is the equation of the line that is perpendicular to $2x - y = 5$ and passes through $(-4, 1)$?
Write your answer in slope-intercept form.

5. Graph: $-2x - 3y = 6$



6. Write the equation of the line that is:

a) parallel to the y-axis and passes through $(-2, 5)$

b) parallel to the x-axis and passes through $(-3, -7)$

c) perpendicular to the line $-3x + 6y = 21$ and has the same x-intercept as the line $y = 9x - 6$

7. A line passes through the points $(-2, 8)$ and $(8, -10)$. What is the equation of this line in

a) slope-intercept form?

b) point-slope form?

c) standard form?

d) general form?