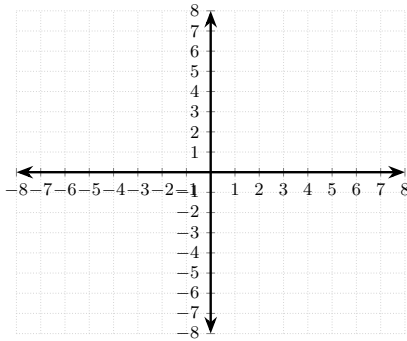


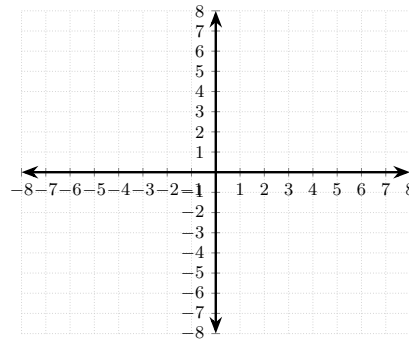
# Linear Equations Test 4 Retry

Name and period: \_\_\_\_\_

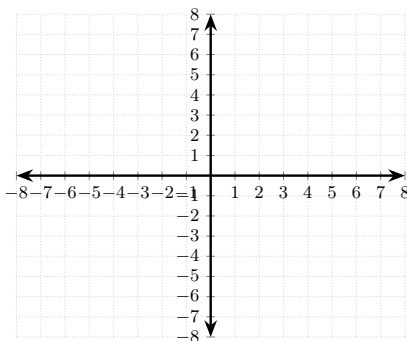
- 1) Write an equation of the line through the point  $(-4, -1)$  with slope 4.



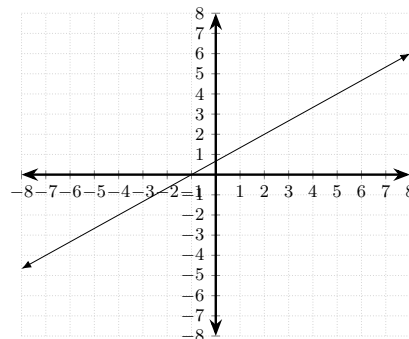
- 4) Write an equation of the line through the points  $(-1, 5)$  and  $(3, 8)$



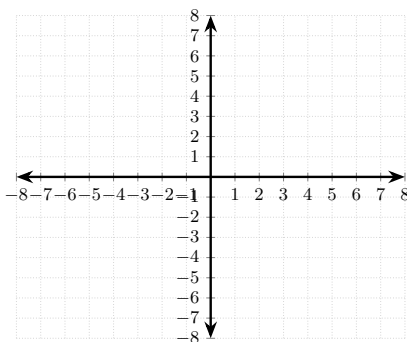
- 2) Write an equation of the line through the points  $(-4, 3)$  and  $(8, -1)$



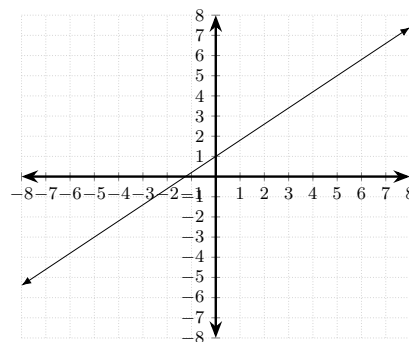
- 5) The line through the points  $(-1, 0)$  and  $(5, 4)$  is shown in the graph. Write an equation of a line parallel to this line that passes through the point  $(2, 3)$ .



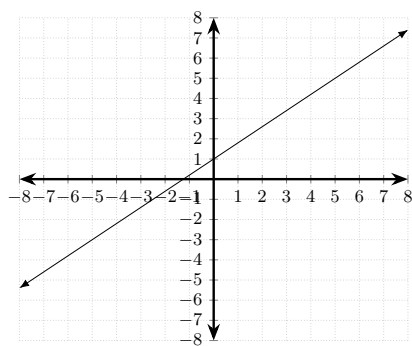
- 3) Write an equation of the line through the point  $(1, 2)$  with slope 0. Write the equation in slope-intercept form, and simplify it completely.



- 6) The line given by the equation  $y = \frac{4}{5}x + 1$  is shown in the graph below. Write an equation of the line through the point  $(2, 0)$  and parallel to this line.



- 7) The line given by the equation  $y = \frac{4}{5}x + 1$  is shown in the graph below. Write an equation of the line through the point  $(2, 0)$  and perpendicular to this line.



- 11) Rewrite the equation  $y + 1 = 3(x + 3)$  in slope-intercept form.

- 12) Rewrite the equation  $y + 2 = 2(x - 3)$  in standard form.

- 8) Write an equation of the line through the point  $(2, 7)$  with undefined slope.

- 9) Write an equation of the line through the points  $(-2, -1)$  and  $(3, -1)$

- 13) Rewrite the equation  $-3x + 12 = 6y$  in standard form.

- 10) Write an equation of the line through the points  $(8, 7)$  and  $(8, -1)$

- 14) Rewrite the equation  $12x + 6y = 24$  in slope-intercept form.