

Algebra 1

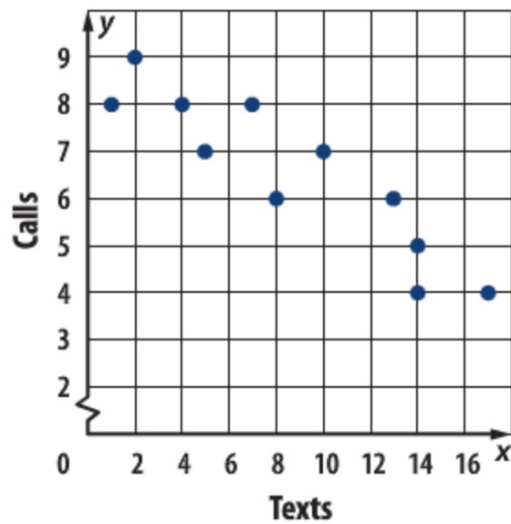
Quiz 4.6-4.7 today
Test Ch. 4 Tues.

There will be graphing calculator question(s) on the test and quiz (you can use the handout if you have it)

whiteboards

Example 6

The scatter plot displays the number of texts and the number of calls made daily. Write an equation for the line of fit.



Old school

Example 7

graphing calculator

ATTENDANCE The table shows the annual attendance at an amusement park. Write an equation of the regression line for the data.

Years Since 2004	0	1	2	3	4	5	6
Attendance (thousands)	75	80	72	68	65	60	53

Example 8

Find the inverse of the relation.

$$\{(5, -3), (11, 2), (-6, 12), (4, -2)\}$$

Example 9

Find the inverse of $f(x) = \frac{1}{4}x + 9$.

Example 1

Write an equation of a line in slope-intercept form with slope -5 and y -intercept -3 . Then graph the equation.

Example 2

Write an equation of the line that passes through $(3, 2)$ with a slope of 5.

Write an equation of the line that passes through the given points.

23. $(2, -1), (5, 2)$

24. $(-4, 3), (1, 13)$

- 14.** Write an equation in point-slope form for the line that passes through the point $(8, 3)$, $m = -2$. (Lesson 4-3)

16. Write $y + 4 = -7(x - 3)$ in slope-intercept form.

(Lesson 4-3)

23. $(0, -3); y = -2x + 4$ parallel

24. $(-4, -5); -4x + 5y = -6$ perpendicular