



Linear Equation Given a Slope and a Point

Math Blast



Name

Score

Solve and show all steps.

Find the equation of a line with a slope of 4 and passes through the point (2, 5).	Show all steps here
Find the equation of a line with a slope of 21 and passes through the point (8, -1).	Show all steps here
Find the equation of a line with a slope of -3 and passes through the point (-4, -2).	Show all steps here
Find the equation of a line with a slope of 0 and passes through the point (7, 1).	Show all steps here
Find the equation of a line with a slope of $-\frac{3}{4}$ and passes through the point (12, 0).	Show all steps here



Solve and show all steps.

$$y = 4x - 3$$

$$y = \frac{1}{2}x - 5$$

$$y = -3x - 14$$

$$y = 1$$

$$y = -\frac{3}{4}x + 9$$