

Algebra II

Quiz 2.3 Form A

1. Write an equation for the line, in point-slope form, that passes through the points (6,-4) and (3,1).
2. Find the slope-intercept equation for the line in question 1.
3. Write a point-slope equation of the line passing through (3,-2) and having a slope of 4.
4. Find $f(-3)$ for the function $f(x) = 2x + 9$.
5. Find the domain and range of the function $f(x) = \frac{-2}{3}x + 5$ for $x \geq -6$.

Quiz 2.3 Form B

1. Write an equation for the line, in point-slope form, that passes through the points (-2,-8) and (7,7).
2. Find the slope-intercept equation for the line in question 1.
3. Write a point-slope equation of the line passing through (4,-6) and having a slope of 3.
4. Find $f(-3)$ for the function $f(x) = 2x - 3$.
5. Find the domain and range of the function $f(x) = \frac{-3}{4}x - 1$ for $x \geq -4$.