

## **Functions**



Name Class Date What is the value of y for the function, The function is y = 3x + 2. What are the 2 y = x - 8, when x = 44? y-values when x is 12, 14, 16? A 32 A 36, 42, 32 **B** 36 **B** 34, 40, 30 C 52 C 38, 44, 50 **D** 27, 31, 35 D 62 3 What is the function rule for the What is the function rule for the table shown? table shown? **A**  $y = x^2 + 5$ **A** y = 4x + 183 5 **B** y = x + 11**B**  $y = x^2 - 5$ 5 **PREVIEW** Please Sign In or Sign Up to download 7 the printable version of this worksheet **B** y = x + 5 $\mathbf{B} \ y = 4x$ C y = -4x + 2 $\mathbf{C} y = 5x$ **D** y = 4x + 2 $\mathbf{D} y = 6x$ 9 10 Which is not a linear function? With the linear function, -4x + 2y = 12, at what point does the line cross the y-axis?  $\mathbf{A} y = x + 1$ **B**  $y = x^2 - 3$  $\mathbf{C} \mathbf{v} = \mathbf{x}$ A (0, 12)  $\mathbf{D} x = 9$ B (12, 0) C(0,6)**D** (0, -6)



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Name Class Date The function is y = 3x + 2. What are the What is the value of y for the function, 2 y = x - 8, when x = 44? y-values when x is 12, 14, 16? A 32 A 36, 42, 32 B (C)**B** 36 **B** 34, 40, 30 C 52 C 38, 44, 50 **D** 27, 31, 35 D 62 3 What is the function rule for the What is the function rule for the table shown? table shown? **A**  $y = x^2 + 5$ **A** y = 4x + 183 5 (D)**B** y = x + 11**B**  $y = x^2 - 5$ 5 A **PREVIEW** Please Sign In or Sign Up to download 7 the printable version of this worksheet A **B** y = x + 5 $\mathbf{B} \ y = 4x$ C y = -4x + 2 $\mathbf{C} y = 5x$ **D** y = 4x + 2 $\mathbf{D} y = 6x$ 9 10 Which is not a linear function? With the linear function, -4x + 2y = 12, at what point does the line cross the y-axis?  $\mathbf{A} y = x + 1$ **B**  $y = x^2 - 3$ (C) B  $\mathbf{C} \mathbf{v} = \mathbf{x}$ A (0, 12) B (12, 0) D x = 9C(0, 6)**D** (0, -6)