**TWMM Practice**

Directions: For each linear equation (in y = mx + b or y = b + mx form) below, identify the components of the equation.

**A** y = 3x + 1

independent variable: \_\_\_\_\_\_\_\_\_\_\_ dependent variable: \_\_\_\_\_\_\_\_\_\_\_\_ y-intercept: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

rate: \_\_\_\_\_\_\_\_\_\_\_ start value: \_\_\_\_\_\_\_\_\_\_\_\_ coefficient: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ m: \_\_\_\_\_\_\_\_\_ b: \_\_\_\_\_\_\_\_\_

**B**  d = 2t + 20

independent variable: \_\_\_\_\_\_\_\_\_\_\_ dependent variable: \_\_\_\_\_\_\_\_\_\_\_\_ y-intercept: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

rate: \_\_\_\_\_\_\_\_\_\_\_ start value: \_\_\_\_\_\_\_\_\_\_\_\_ coefficient: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ m: \_\_\_\_\_\_\_\_\_ b: \_\_\_\_\_\_\_\_\_

**C**  d = 2.5t

independent variable: \_\_\_\_\_\_\_\_\_\_\_ dependent variable: \_\_\_\_\_\_\_\_\_\_\_\_ y-intercept: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

rate: \_\_\_\_\_\_\_\_\_\_\_ start value: \_\_\_\_\_\_\_\_\_\_\_\_ coefficient: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ m: \_\_\_\_\_\_\_\_\_ b: \_\_\_\_\_\_\_\_\_

**D**  a = 144 -12w

independent variable: \_\_\_\_\_\_\_\_\_\_\_ dependent variable: \_\_\_\_\_\_\_\_\_\_\_\_ y-intercept: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

rate: \_\_\_\_\_\_\_\_\_\_\_ start value: \_\_\_\_\_\_\_\_\_\_\_\_ coefficient: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ m: \_\_\_\_\_\_\_\_\_ b: \_\_\_\_\_\_\_\_\_

**E**  a = 5 + .5d

independent variable: \_\_\_\_\_\_\_\_\_\_\_ dependent variable: \_\_\_\_\_\_\_\_\_\_\_\_ y-intercept: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

rate: \_\_\_\_\_\_\_\_\_\_\_ start value: \_\_\_\_\_\_\_\_\_\_\_\_ coefficient: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ m: \_\_\_\_\_\_\_\_\_ b: \_\_\_\_\_\_\_\_\_

**F**  y = 10

independent variable: \_\_\_\_\_\_\_\_\_\_\_ dependent variable: \_\_\_\_\_\_\_\_\_\_\_\_ y-intercept: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

rate: \_\_\_\_\_\_\_\_\_\_\_ start value: \_\_\_\_\_\_\_\_\_\_\_\_ coefficient: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ m: \_\_\_\_\_\_\_\_\_ b: \_\_\_\_\_\_\_\_\_