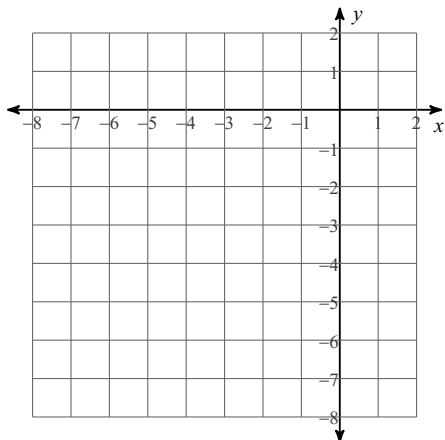


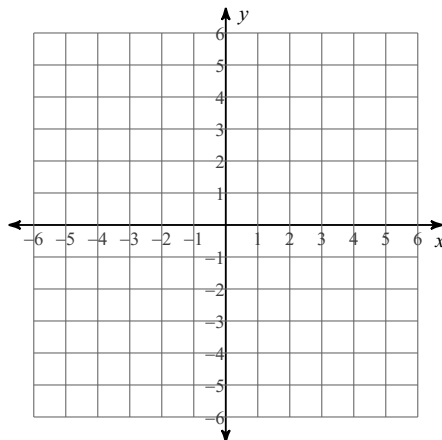
Linear, Quadratic, Exponential

State whether each function is linear, quadratic, or exponential. Identify the domain and range.

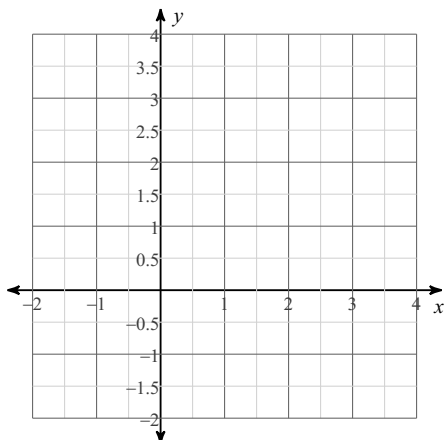
1) $y = -2x^2 - 4x - 1$



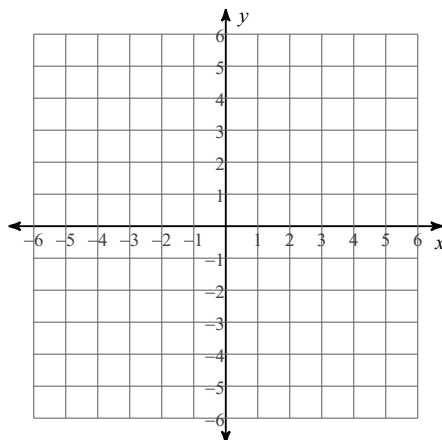
2) $3x + 5y = 0$



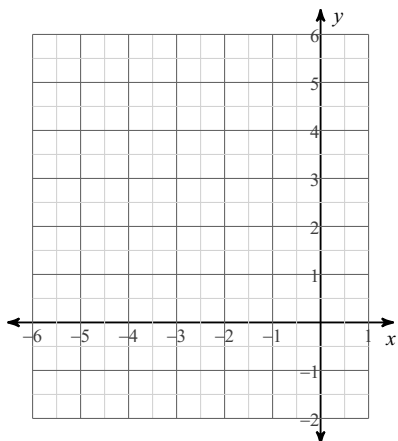
3) $y = -x^2 + 2x + 2$



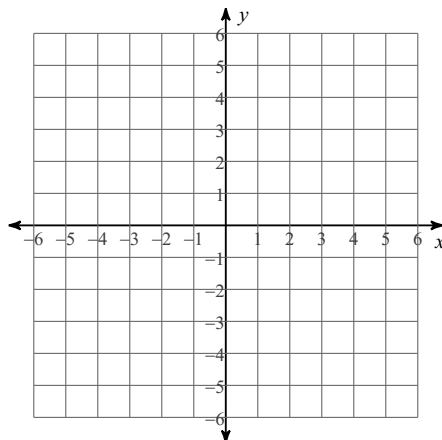
4) $6x - y = 4$



5) $y = \frac{1}{2}x^2 + 4x + 9$



6) $x = -5$



$$7) y = 2 \cdot 2^x$$

$$8) y = -2x^2 + 4x - 3$$

$$9) y = 4 \cdot \left(\frac{1}{2}\right)^x$$

$$10) 6x - y = 3$$

$$11) y = -3$$

$$12) 7x - 5y = -20$$

$$13) y = -x^2 - 4x - 1$$

$$14) y = x^2 + 4x + 7$$

$$15) y = 4 \cdot \left(\frac{1}{2}\right)^x$$

$$16) y = \frac{1}{3} \cdot 6^x$$