Solutions – Axis Intercepts of Quadratics (A)

Find the axis intercepts of the quadratic $y = x^2 + x - 2$.

x-intercepts: (1, 0) and (–2, 0), y-intercept: (0, –2)

Find the axis intercepts of the quadratic $y = x^2 + 5x - 6$.

x-intercepts: (1, 0) and (–6, 0), y-intercept: (0, –6)

Find the axis intercepts of the quadratic $y = x^2 + x$.

x-intercepts: (0, 0) and (–1, 0), y-intercept: (0, 0)

Find the axis intercepts of the quadratic $y = x^2 - 15x + 56$.

x-intercepts: (7, 0) and (8, 0), y-intercept: (0, 56)

Find the axis intercepts of the quadratic $y = x^2 + 7x$.

x-intercepts: (0, 0) and (–7, 0), y-intercept: (0, 0)

Find the axis intercepts of the quadratic $y = x^2 - 4$.

x-intercepts: (–2, 0) and (2, 0), y-intercept: (0, –4)

Solutions – Axis Intercepts of Quadratics (B)

Find the axis intercepts of the quadratic $y = x^2 + 5x - 6$.

x-intercepts: $(-6, 0)$ and $(1, 0)$, y-intercept: $(0, -6)$

Find the axis intercepts of the quadratic $y = x^2 + 4x - 5$.

x-intercepts: $(-5, 0)$ and $(1, 0)$, y-intercept: $(0, -5)$

Find the axis intercepts of the quadratic $y = x^2 - x - 20$.

x-intercepts: $(-4, 0)$ and $(5, 0)$, y-intercept: $(0, -20)$

Find the axis intercepts of the quadratic $y = x^2 + 13x + 42$.

x-intercepts: $(-7, 0)$ and $(-6, 0)$, y-intercept: $(0, 42)$

Find the axis intercepts of the quadratic $y = x^2 - 49$.

x-intercepts: $(7, 0)$ and $(-7, 0)$, y-intercept: $(0, -49)$

Find the axis intercepts of the quadratic $y = x^2 + 11x + 30$.

x-intercepts: $(-6, 0)$ and $(-5, 0)$, y-intercept: $(0, 30)$

Solutions – Axis Intercepts of Quadratics (C)

Find the axis intercepts of the quadratic $y = x^2 + 6x$.

x-intercepts: $(-6, 0)$ and $(0, 0)$, y-intercept: $(0, 0)$

Find the axis intercepts of the quadratic $y = x^2 + x - 12$.

x-intercepts: $(-4, 0)$ and $(3, 0)$, y-intercept: $(0, -12)$

Find the axis intercepts of the quadratic $y = x^2 - 4x$.

x-intercepts: $(4, 0)$ and $(0, 0)$, y-intercept: $(0, 0)$

Find the axis intercepts of the quadratic $y = x^2 + 14x + 48$.

x-intercepts: $(-6, 0)$ and $(-8, 0)$, y-intercept: $(0, 48)$

Find the axis intercepts of the quadratic $y = x^2 + 12x + 35$.

x-intercepts: $(-5, 0)$ and $(-7, 0)$, y-intercept: $(0, 35)$

Find the axis intercepts of the quadratic $y = x^2 - 6x + 5$.

x-intercepts: $(5, 0)$ and $(1, 0)$, y-intercept: $(0, 5)$

Solutions – Axis Intercepts of Quadratics (D)

Find the axis intercepts of the quadratic $y = x^2 + 13x + 42$.

x-intercepts: $(-7, 0)$ and $(-6, 0)$, y-intercept: $(0, 42)$

Find the axis intercepts of the quadratic $y = x^2 - 6x + 5$.

x-intercepts: $(5, 0)$ and $(1, 0)$, y-intercept: $(0, 5)$

Find the axis intercepts of the quadratic $y = x^2 + 4x$.

x-intercepts: $(0, 0)$ and $(-4, 0)$, y-intercept: $(0, 0)$

Find the axis intercepts of the quadratic $y = x^2 + 4x$.

x-intercepts: $(-4, 0)$ and $(0, 0)$, y-intercept: $(0, 0)$

Find the axis intercepts of the quadratic $y = x^2 + 8x$.

x-intercepts: $(0, 0)$ and $(-8, 0)$, y-intercept: $(0, 0)$

Find the axis intercepts of the quadratic $y = x^2 - 9x + 14$.

x-intercepts: $(2, 0)$ and $(7, 0)$, y-intercept: $(0, 14)$

Solutions – Axis Intercepts of Quadratics (E)

Find the axis intercepts of the quadratic $y = x^2 + x - 56$.

x-intercepts: (7, 0) and (–8, 0), y-intercept: (0, –56)

Find the axis intercepts of the quadratic $y = x^2 - 2x$.

x-intercepts: (0, 0) and (2, 0), y-intercept: (0, 0)

Find the axis intercepts of the quadratic $y = x^2 - 4x - 21$.

x-intercepts: (7, 0) and (–3, 0), y-intercept: (0, –21)

Find the axis intercepts of the quadratic $y = x^2 + 7x + 12$.

x-intercepts: (–3, 0) and (–4, 0), y-intercept: (0, 12)

Find the axis intercepts of the quadratic $y = x^2 + 4x - 5$.

x-intercepts: (–5, 0) and (1, 0), y-intercept: (0, –5)

Find the axis intercepts of the quadratic $y = x^2 - x - 42$.

x-intercepts: (7, 0) and (–6, 0), y-intercept: (0, –42)

Solutions – Axis Intercepts of Quadratics (F)

Find the axis intercepts of the quadratic $y = x^2 + x$.

x-intercepts: (0, 0) and (–1, 0), y-intercept: (0, 0)

Find the axis intercepts of the quadratic $y = x^2 + 4x - 12$.

x-intercepts: (2, 0) and (–6, 0), y-intercept: (0, –12)

Find the axis intercepts of the quadratic $y = x^2 - 7x + 10$.

x-intercepts: (5, 0) and (2, 0), y-intercept: (0, 10)

Find the axis intercepts of the quadratic $y = x^2 - 6x + 8$.

x-intercepts: (4, 0) and (2, 0), y-intercept: (0, 8)

Find the axis intercepts of the quadratic $y = x^2 - 9x + 18$.

x-intercepts: (6, 0) and (3, 0), y-intercept: (0, 18)

Find the axis intercepts of the quadratic $y = x^2 - 3x$.

x-intercepts: (0, 0) and (3, 0), y-intercept: (0, 0)

Solutions – Axis Intercepts of Quadratics (G)

Find the axis intercepts of the quadratic $y = x^2 - 12x + 32$.

x-intercepts: (8, 0) and (4, 0), y-intercept: (0, 32)

Find the axis intercepts of the quadratic $y = x^2 + 2x - 3$.

x-intercepts: (–3, 0) and (1, 0), y-intercept: (0, –3)

Find the axis intercepts of the quadratic $y = x^2 + 3x$.

x-intercepts: (–3, 0) and (0, 0), y-intercept: (0, 0)

Find the axis intercepts of the quadratic $y = x^2 - 6x + 8$.

x-intercepts: (4, 0) and (2, 0), y-intercept: (0, 8)

Find the axis intercepts of the quadratic $y = x^2 + 7x + 12$.

x-intercepts: (–4, 0) and (–3, 0), y-intercept: (0, 12)

Find the axis intercepts of the quadratic $y = x^2 - 11x + 30$.

x-intercepts: (6, 0) and (5, 0), y-intercept: (0, 30)

Solutions – Axis Intercepts of Quadratics (H)

Find the axis intercepts of the quadratic $y = x^2 - 11x + 28$.

x-intercepts: (4, 0) and (7, 0), y-intercept: (0, 28)

Find the axis intercepts of the quadratic $y = x^2 + 3x - 18$.

x-intercepts: (–6, 0) and (3, 0), y-intercept: (0, –18)

Find the axis intercepts of the quadratic $y = x^2 + 10x + 16$.

x-intercepts: (–8, 0) and (–2, 0), y-intercept: (0, 16)

Find the axis intercepts of the quadratic $y = x^2 - 49$.

x-intercepts: (7, 0) and (–7, 0), y-intercept: (0, –49)

Find the axis intercepts of the quadratic $y = x^2 + 8x + 7$.

x-intercepts: (–7, 0) and (–1, 0), y-intercept: (0, 7)

Find the axis intercepts of the quadratic $y = x^2 - x - 6$.

x-intercepts: (3, 0) and (–2, 0), y-intercept: (0, –6)

Solutions – Axis Intercepts of Quadratics (I)

Find the axis intercepts of the quadratic $y = x^2 + 5x - 24$.

x-intercepts: (3, 0) and (–8, 0), y-intercept: (0, –24)

Find the axis intercepts of the quadratic $y = x^2 - 2x - 24$.

x-intercepts: (6, 0) and (–4, 0), y-intercept: (0, –24)

Find the axis intercepts of the quadratic $y = x^2 + 7x + 6$.

x-intercepts: (–6, 0) and (–1, 0), y-intercept: (0, 6)

Find the axis intercepts of the quadratic $y = x^2 - 12x + 32$.

x-intercepts: (8, 0) and (4, 0), y-intercept: (0, 32)

Find the axis intercepts of the quadratic $y = x^2 - 6x + 5$.

x-intercepts: (5, 0) and (1, 0), y-intercept: (0, 5)

Find the axis intercepts of the quadratic $y = x^2 + 9x + 14$.

x-intercepts: (–7, 0) and (–2, 0), y-intercept: (0, 14)

Solutions – Axis Intercepts of Quadratics (J)

Find the axis intercepts of the quadratic $y = x^2 - 9x + 18$.

x-intercepts: (3, 0) and (6, 0), y-intercept: (0, 18)

Find the axis intercepts of the quadratic $y = x^2 - 9x + 18$.

x-intercepts: (3, 0) and (6, 0), y-intercept: (0, 18)

Find the axis intercepts of the quadratic $y = x^2 - 4x - 32$.

x-intercepts: (8, 0) and (–4, 0), y-intercept: (0, –32)

Find the axis intercepts of the quadratic $y = x^2 + 5x + 6$.

x-intercepts: (–3, 0) and (–2, 0), y-intercept: (0, 6)

Find the axis intercepts of the quadratic $y = x^2 - 7x + 10$.

x-intercepts: (2, 0) and (5, 0), y-intercept: (0, 10)

Find the axis intercepts of the quadratic $y = x^2 - 9x + 14$.

x-intercepts: (2, 0) and (7, 0), y-intercept: (0, 14)