Solutions – Axis Intercepts of Linear Graphs (A)

Find the coordinates of the x-intercept and the y-intercept of $y = x + 3$.

x-intercept: $(-3, 0)$ y-intercept: $(0, 3)$

Find the coordinates of the x-intercept and the y-intercept of $6x - 2y = 12$.

x-intercept: $(2, 0)$ y-intercept: $(0, -6)$

Find the coordinates of the x-intercept and the y-intercept of $5x + 3y = 15$.

x-intercept: $(3, 0)$ y-intercept: $(0, 5)$

Find the coordinates of the x-intercept and the y-intercept of $y = x + 5$.

x-intercept: $(-5, 0)$ y-intercept: $(0, 5)$

Solutions – Axis Intercepts of Linear Graphs (B)

Find the coordinates of the x-intercept and the y-intercept of $3x - 6y = 18$.

x-intercept: $(6, 0)$ y-intercept: $(0, -3)$

Find the coordinates of the x-intercept and the y-intercept of $y = x + 1$.

x-intercept: $(-1, 0)$ y-intercept: $(0, 1)$

Find the coordinates of the x-intercept and the y-intercept of $4x + y = -4$.

x-intercept: $(-1, 0)$ y-intercept: $(0, -4)$

Find the coordinates of the x-intercept and the y-intercept of $y = -x + 1$.

x-intercept: $(1, 0)$ y-intercept: $(0, 1)$

Solutions – Axis Intercepts of Linear Graphs (C)

Find the coordinates of the x-intercept and the y-intercept of $x + y = 1$.

x-intercept: (1, 0) y-intercept: (0, 1)

Find the coordinates of the x-intercept and the y-intercept of $y = -4x - 12$.

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

Find the coordinates of the x-intercept and the y-intercept of $x - 6y = 6$.

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

Find the coordinates of the x-intercept and the y-intercept of $y = -4x - 12$.

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

Solutions – Axis Intercepts of Linear Graphs (D)

Find the coordinates of the x-intercept and the y-intercept of $x + 6y = 6$.

x-intercept: (6, 0) y-intercept: (0, 1)

Find the coordinates of the x-intercept and the y-intercept of $4x + 3y = 12$.

x-intercept: (3, 0) y-intercept: (0, 4)

Find the coordinates of the x-intercept and the y-intercept of $y = 4x - 12$.

x-intercept: (3, 0) y-intercept: (0, −12)

Find the coordinates of the x-intercept and the y-intercept of $y = x + 3$.

x-intercept: (−3, 0) y-intercept: (0, 3)

Solutions – Axis Intercepts of Linear Graphs (E)

Find the coordinates of the x-intercept and the y-intercept of $4x - 4y = 16$.

x-intercept: (4, 0) y-intercept: (0, –4)

Find the coordinates of the x-intercept and the y-intercept of $y = -x + 1$.

x-intercept: (1, 0) y-intercept: (0, 1)

Find the coordinates of the x-intercept and the y-intercept of $6x + y = 6$.

x-intercept: (1, 0) y-intercept: (0, 6)

Find the coordinates of the x-intercept and the y-intercept of $y = 3x - 6$.

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

Solutions – Axis Intercepts of Linear Graphs (F)

Find the coordinates of the x-intercept and the y-intercept of $4x + 4y = -16$.

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

Find the coordinates of the x-intercept and the y-intercept of $y = 3x - 9$.

x-intercept: $(3, 0)$ y-intercept: $(0, -9)$

Find the coordinates of the x-intercept and the y-intercept of $y = -x - 4$.

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

Find the coordinates of the x-intercept and the y-intercept of $2x + 2y = 4$.

x-intercept: $(2, 0)$ y-intercept: $(0, 2)$

Solutions – Axis Intercepts of Linear Graphs (G)

Find the coordinates of the x-intercept and the y-intercept of $y = -2x + 8$.

x-intercept: (4, 0) y-intercept: (0, 8)

Find the coordinates of the x-intercept and the y-intercept of $y = -2x - 6$.

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

Find the coordinates of the x-intercept and the y-intercept of $x + 2y = 2$.

x-intercept: (2, 0) y-intercept: (0, 1)

Find the coordinates of the x-intercept and the y-intercept of $3x - 3y = 9$.

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

Solutions – Axis Intercepts of Linear Graphs (H)

Find the coordinates of the x-intercept and the y-intercept of $y = -3x + 9$.

x-intercept: $(3, 0)$ y-intercept: $(0, 9)$

Find the coordinates of the x-intercept and the y-intercept of $y = 2x + 4$.

x-intercept: $(-2, 0)$ y-intercept: $(0, 4)$

Find the coordinates of the x-intercept and the y-intercept of $5x - 2y = -10$.

x-intercept: $(-2, 0)$ y-intercept: $(0, 5)$

Find the coordinates of the x-intercept and the y-intercept of $4x - 6y = 24$.

x-intercept: $(6, 0)$ y-intercept: $(0, -4)$

Solutions – Axis Intercepts of Linear Graphs (I)

Find the coordinates of the x-intercept and the y-intercept of $x + 4y = 4$.

x-intercept: (4, 0) y-intercept: (0, 1)

Find the coordinates of the x-intercept and the y-intercept of $y = -4x + 12$.

x-intercept: (3, 0) y-intercept: (0, 12)

Find the coordinates of the x-intercept and the y-intercept of $y = 4x + 12$.

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

Find the coordinates of the x-intercept and the y-intercept of $2x + 5y = 10$.

x-intercept: (5, 0) y-intercept: (0, 2)

Solutions – Axis Intercepts of Linear Graphs (J)

Find the coordinates of the x-intercept and the y-intercept of $5x + 4y = -20$.

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

Find the coordinates of the x-intercept and the y-intercept of $6x + 6y = -36$.

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

Find the coordinates of the x-intercept and the y-intercept of $y = x - 5$.

x-intercept: $(5, 0)$ y-intercept: $(0, -5)$

Find the coordinates of the x-intercept and the y-intercept of $y = 4x - 12$.

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