

Mathematics – Function - Exercises

01 Determine the equation of the straight line having a Y-axis (vertical) intercept of 254 units positive, and an X-axis (horizontal) intercept of 406 units negative.

02 For the function:

$$\frac{(x-3)^2}{25} + \frac{(y-4)^2}{25} = 1$$

- a) Sketch the function.
- b) Determine any axis intercepts.

03 a) Sketch the function: $x^2 = -6x$
and indicate any axis intercepts.

- b) Sketch the function $(x - 2)(y + 2) = 15$
and indicate any axis intercepts.