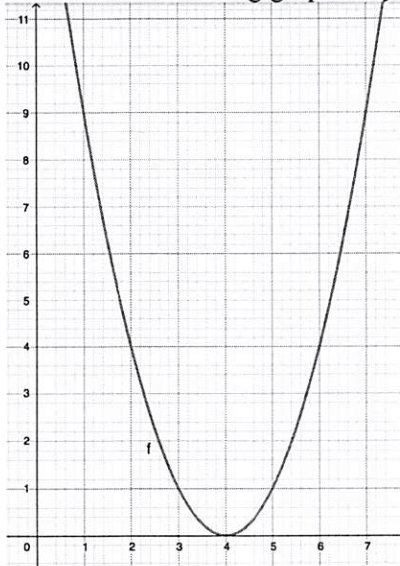


Mini QUIZ – Domain, Range and Values

1. Consider the following graph of $y = f(x)$:



a) Domain : \mathbb{R}

Range : $[0, +\infty)$

b) Determine the following values :

4
 $f(3) = 1$

$f(4) = 0$

c) Determine x such that $f(x) = 4$

$x = 2$ or $x = 6$

2. Consider the function $f(x) = -x + 3$

a) Determine $f(-5) = -(-5) + 3$
 $= 8$

b) Determine $f(3) = -3 + 3$
 $= 0$

4
c) Determine the exact value of x such that $f(x) = -8$

$-8 = -x + 3$

$x = 8 + 3$

$x = 11$

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