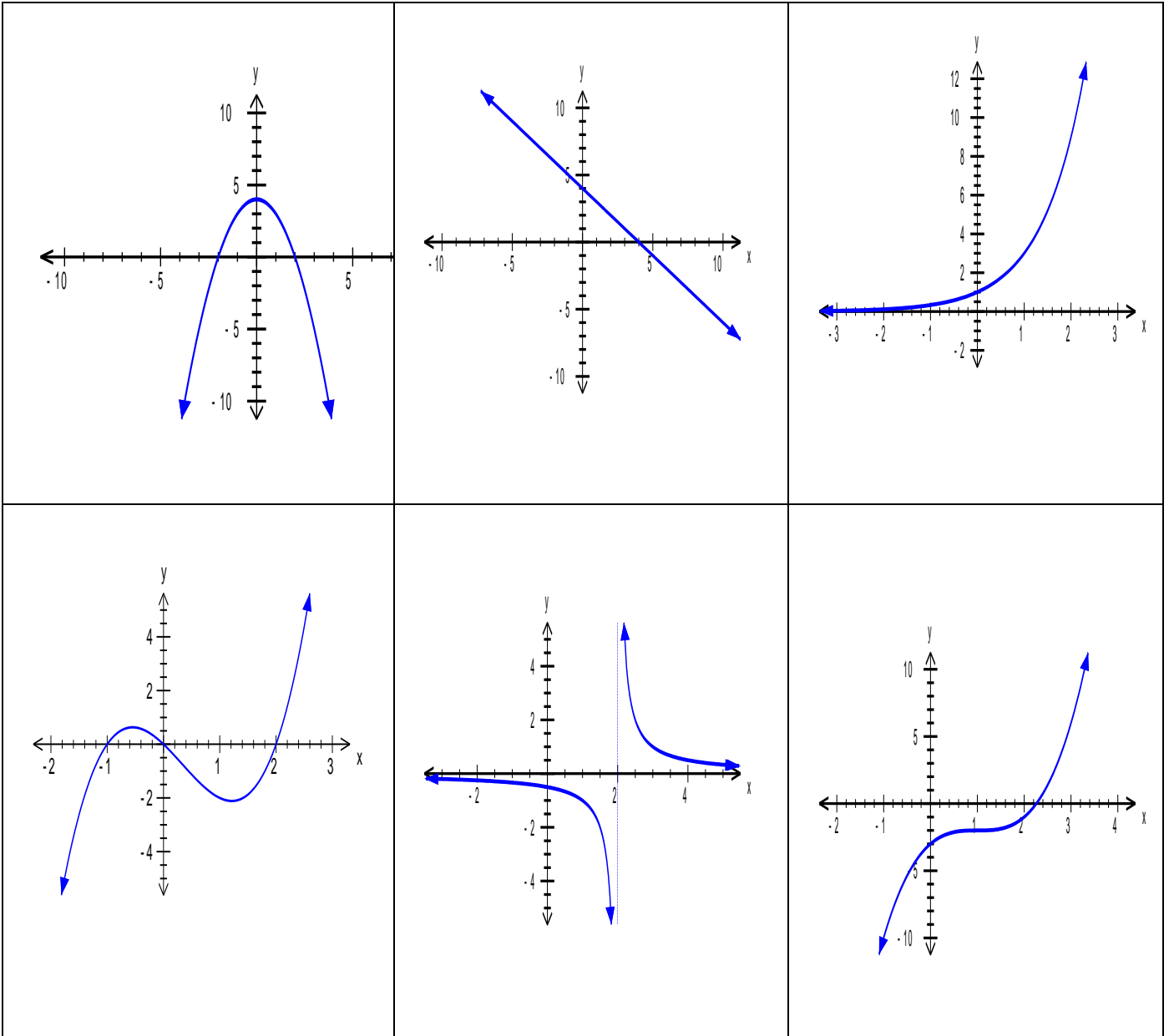


Revision Functions

1 If $f(x) = 2x^3 - x^2 + x - 10$ and $g(x) = -x^2 + x + 6$ evaluate the following:

- i) $f(2)$ ii) $g(-2)$ iii) the value of x where $f(x) = g(x)$

2 State the equations of the following functions.



2 Describe how graph A can be transformed into graph B for each of the following.

A

$$y = x^2$$

$$y = 2^{x+1} - 1$$

$$y = \frac{1}{x-1}$$

B

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

$$y = 2x$$

$$y = \frac{1}{x+1}$$