

Function  $y = 2^x$

$$2^x = 8, \quad 2^x = 2^3$$

$$x = 3$$

$$2^x = 16, \quad 2^x = 2^4$$

$$x = 4$$

$$2^x = 1, \quad 2^x = 2^0$$

$$x = 0$$

$$2^x = \frac{1}{2}, \quad 2^x = 2^{-1}$$

$$x = -1$$

$$2^x = \frac{1}{8}, \quad 2^x = 2^{-3}$$

$$x = -3$$

$$2^{x^2} = 2^x$$

$$x^2 = x$$

$$x^2 - x = 0$$

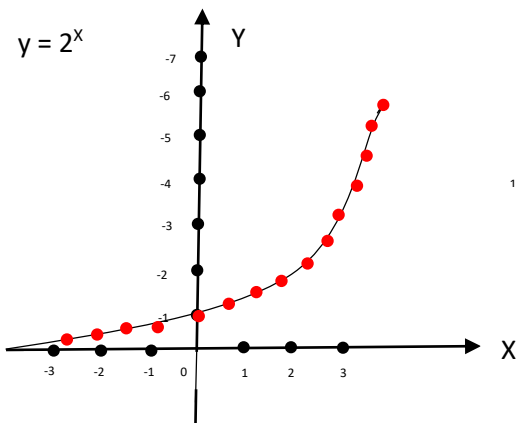
$$x(x-1) = 0$$

$$x = 0$$

$$x-1 = 0$$

$$x = 1$$

Function  $y = 2^x$



	x	y
A	-2	$\frac{1}{4}$
B	-1	$\frac{1}{2}$
C	0	1
D	1	2
E	2	4
F	3	8