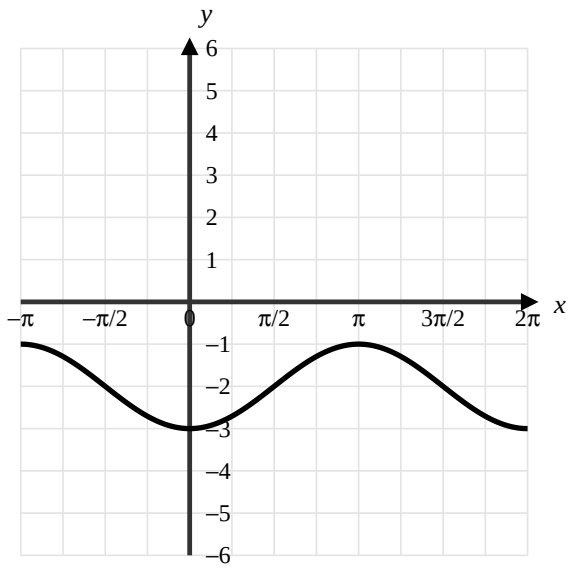
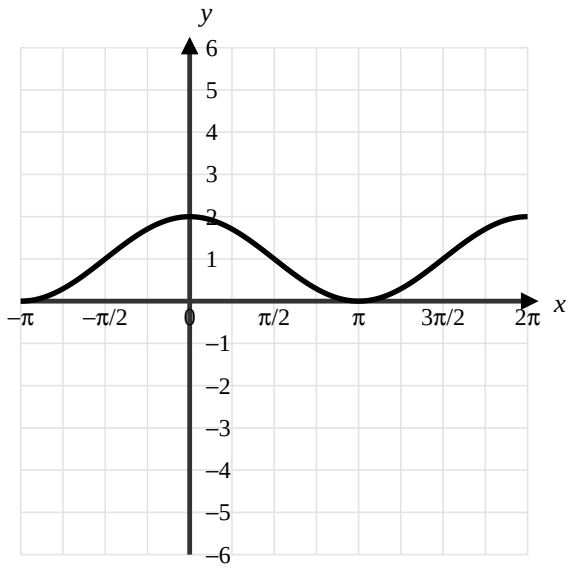
Solutions – Properties of Trig Graphs (A)



$y = a\cos(x - b) + c$

Find a, b and c.

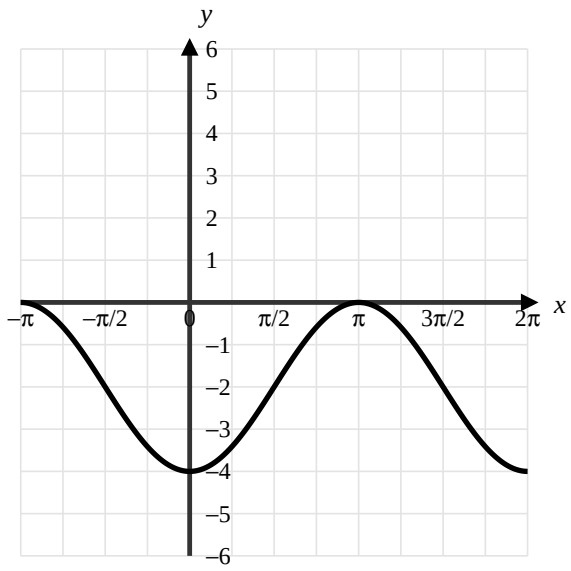
$a = -1$, $b = 0$, $c = -2$



$y = a\sin(x - b) + c$

Find a, b and c.

$a = -1$, $b = \pi/2$, $c = 1$

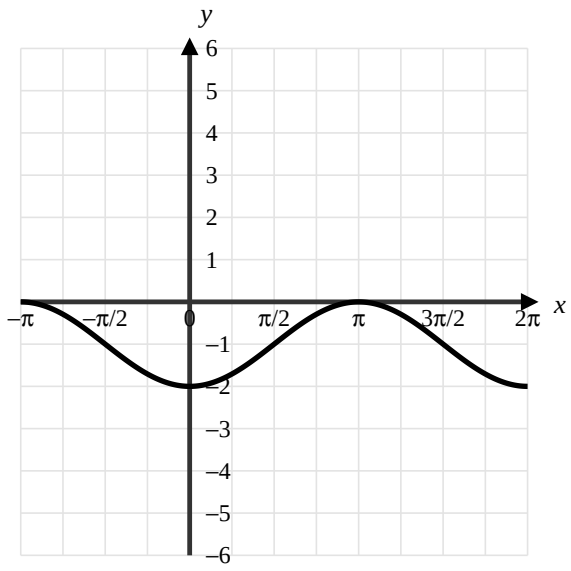


$y = a\cos(x - b) + c$

Find a, b and c.

$a = 2$, $b = \pi$, $c = -2$

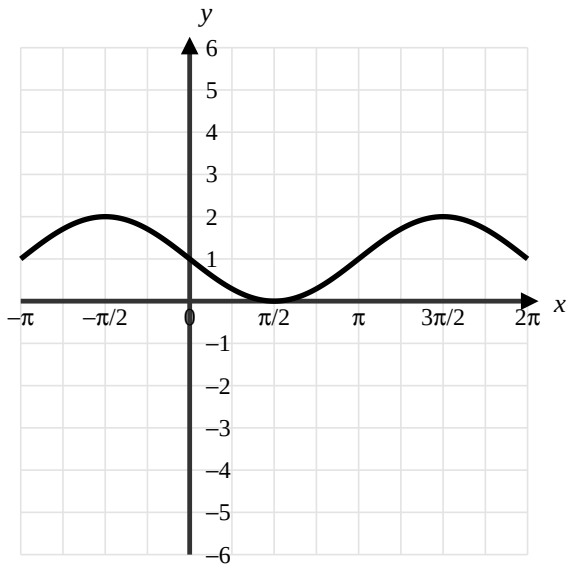
Solutions – Properties of Trig Graphs (B)



$y = a\sin(x - b) + c$

Find a, b and c.

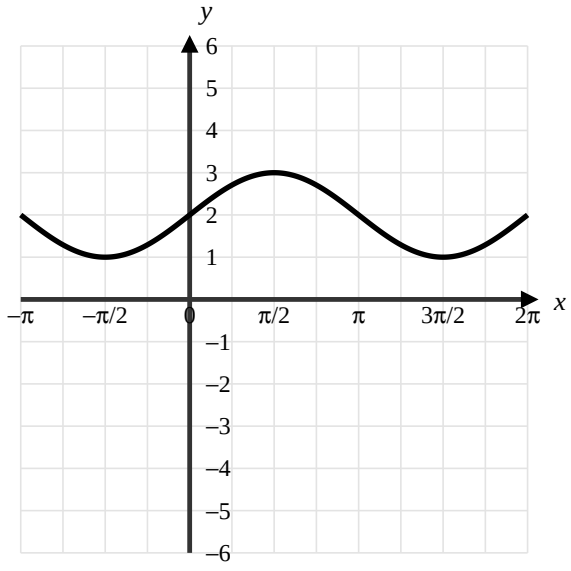
$a = 1$, $b = \pi/2$, $c = -1$



$y = a\cos(x - b) + c$

Find a, b and c.

$a = -1$, $b = \pi/2$, $c = 1$

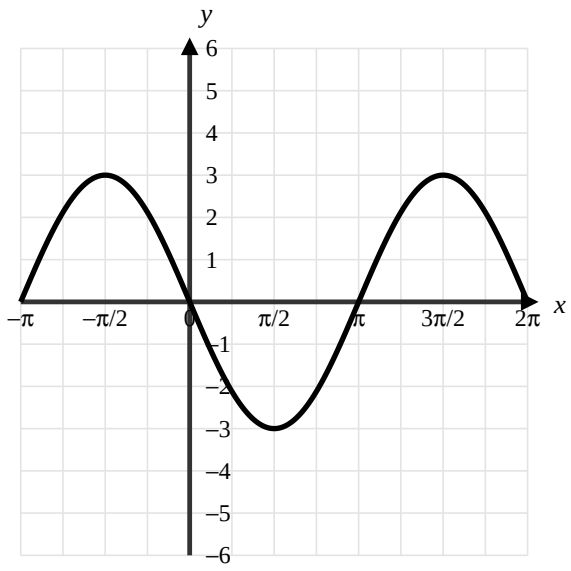


$y = a\sin(x - b) + c$

Find a, b and c.

$a = 1$, $b = 0$, $c = 2$

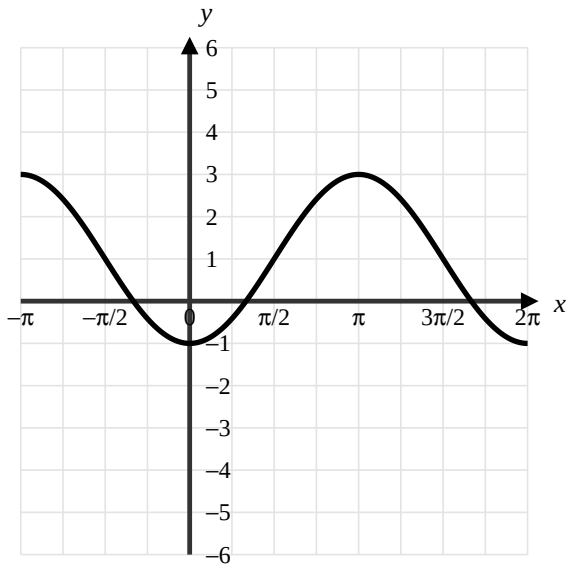
Solutions – Properties of Trig Graphs (C)



$y = a\sin(x - b) + c$

Find a, b and c.

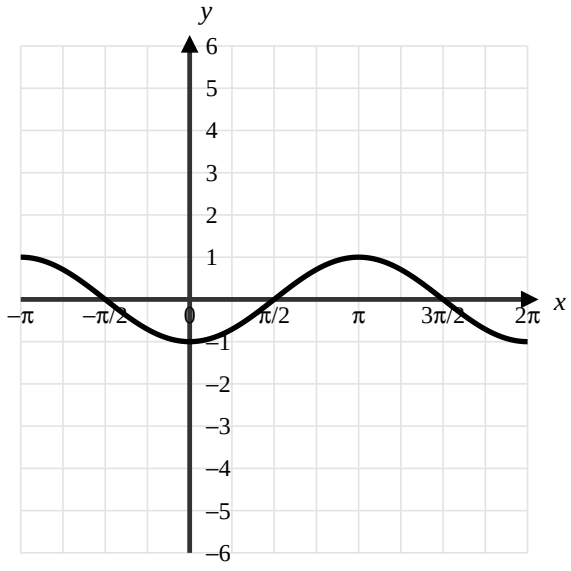
$a = 3$, $b = \pi$, $c = 0$



$y = a\cos(x - b) + c$

Find a, b and c.

$a = 2$, $b = \pi$, $c = 1$

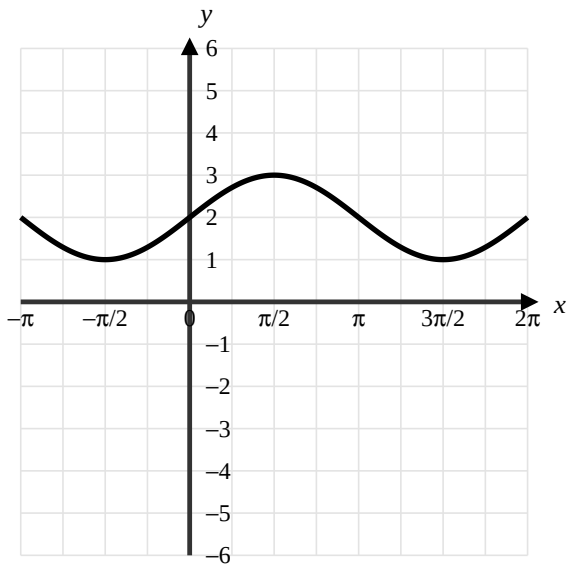


$y = a\cos(x - b) + c$

Find a, b and c.

$a = -1$, $b = 0$, $c = 0$

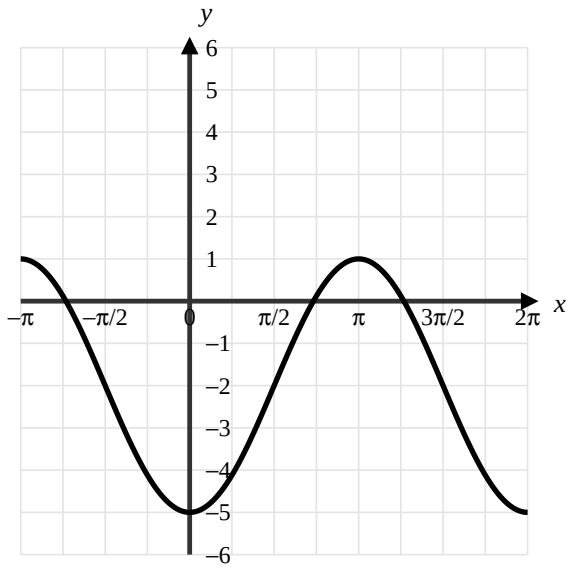
Solutions – Properties of Trig Graphs (D)



$y = a\sin(x - b) + c$

Find a, b and c.

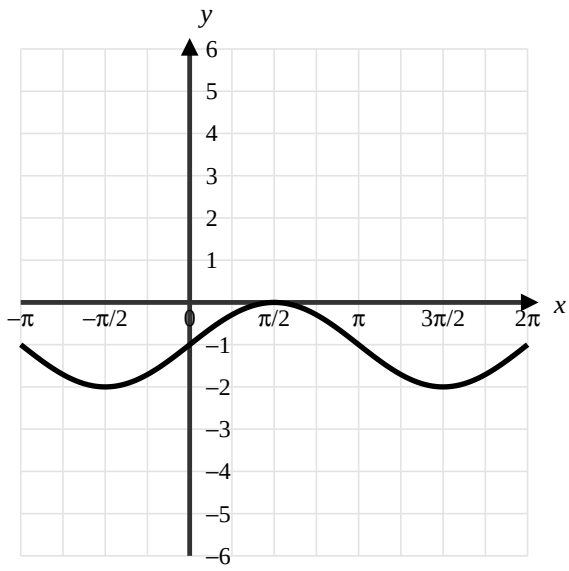
$a = 1$, $b = 0$, $c = 2$



$y = a\cos(x - b) + c$

Find a, b and c.

$a = -3$, $b = 0$, $c = -2$

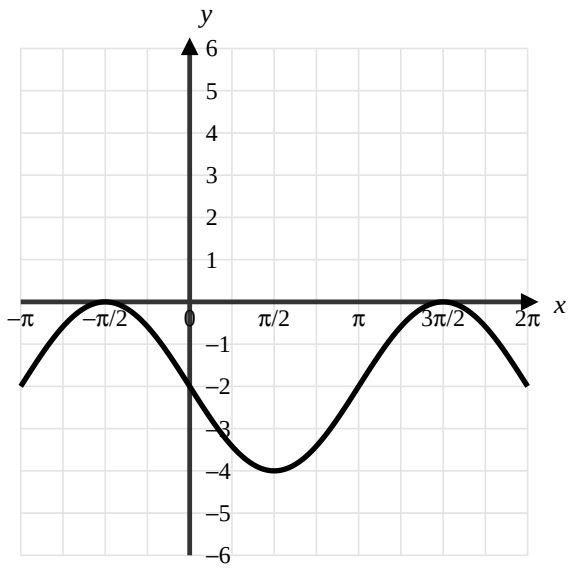


$y = a\sin(x - b) + c$

Find a, b and c.

$a = -1$, $b = \pi$, $c = -1$

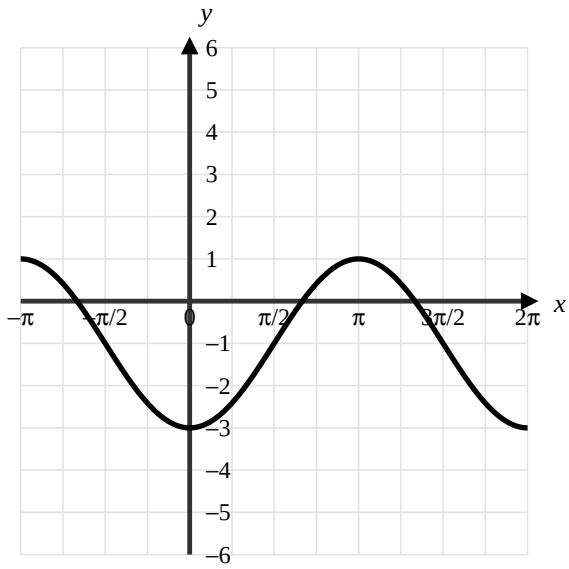
Solutions – Properties of Trig Graphs (E)



$y = a\sin(x - b) + c$

Find a, b and c.

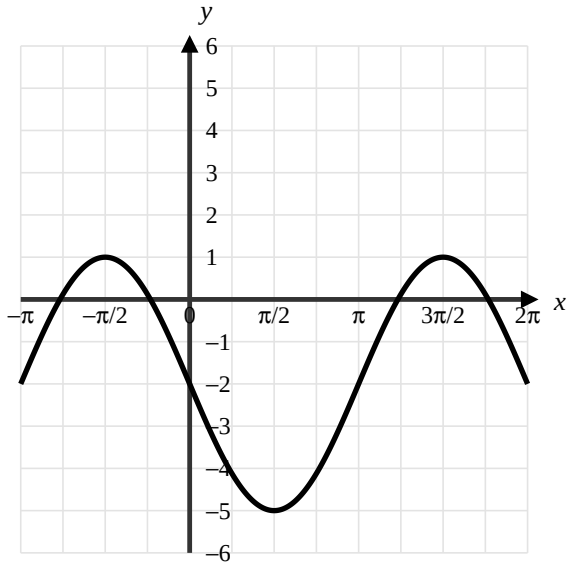
$a = 2$, $b = \pi$, $c = -2$



$y = a\cos(x - b) + c$

Find a, b and c.

$a = 2$, $b = \pi$, $c = -1$

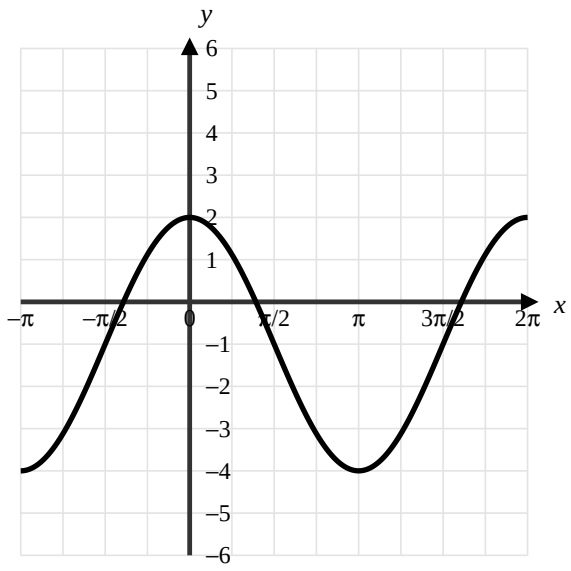


$y = a\sin(x - b) + c$

Find a, b and c.

$a = 3$, $b = \pi$, $c = -2$

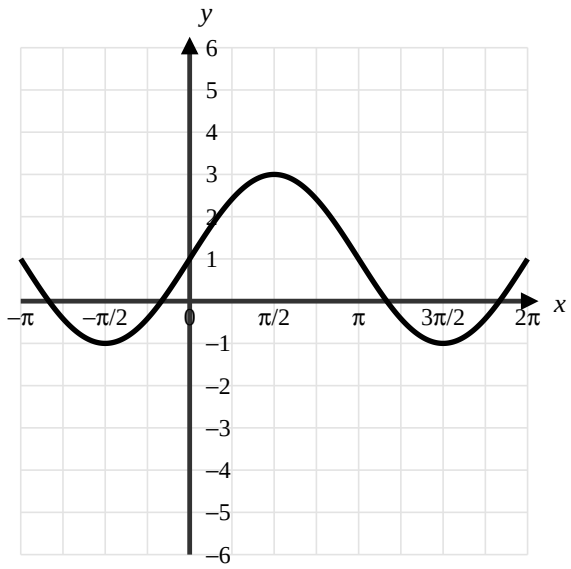
Solutions – Properties of Trig Graphs (F)



$y = a\cos(x - b) + c$

Find a, b and c.

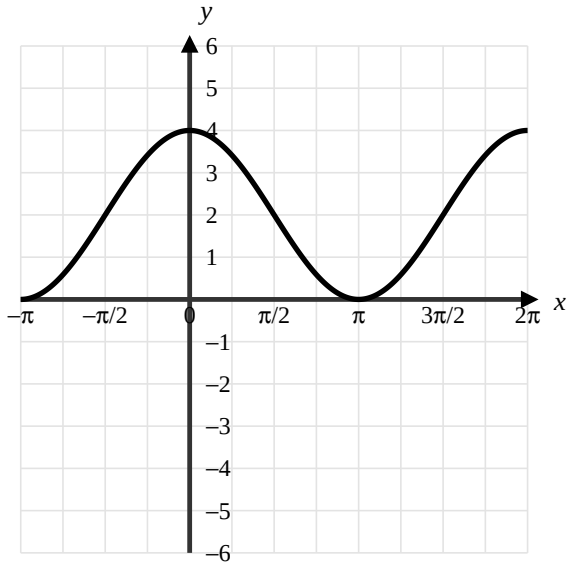
$a = 3$, $b = 0$, $c = -1$



$y = a\sin(x - b) + c$

Find a, b and c.

$a = 2$, $b = 0$, $c = 1$

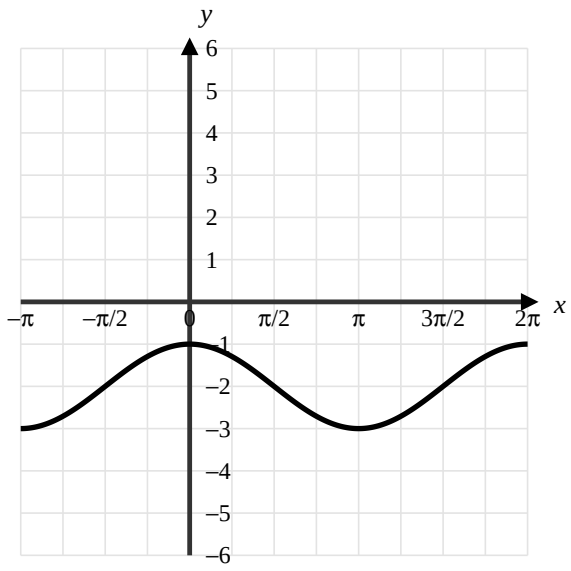


$y = a\cos(x - b) + c$

Find a, b and c.

$a = 2$, $b = 0$, $c = 2$

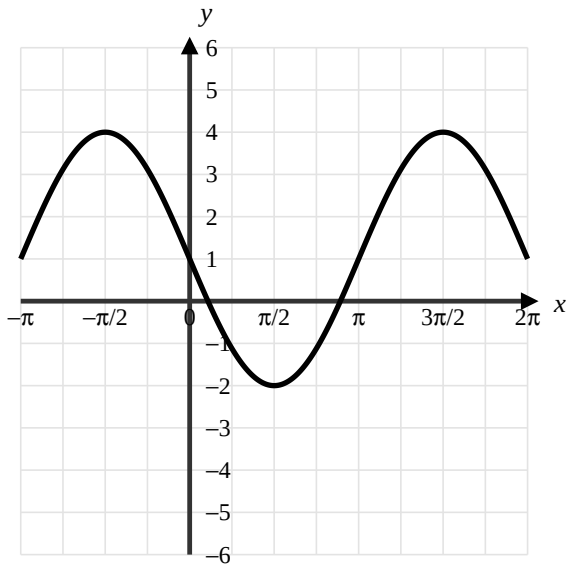
Solutions – Properties of Trig Graphs (G)



$y = a\cos(x - b) + c$

Find a, b and c.

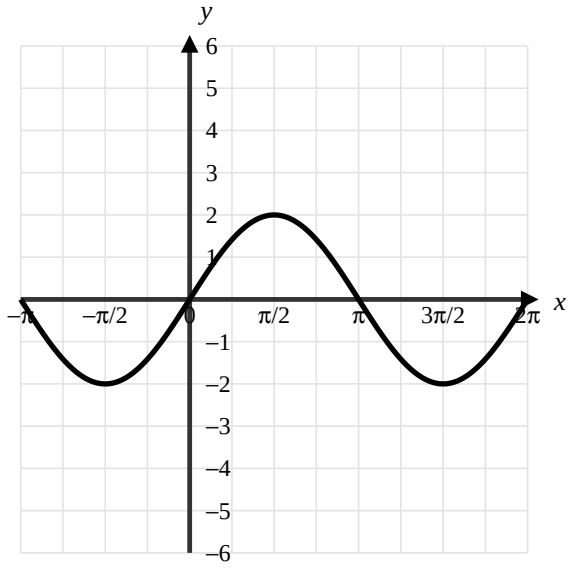
$a = -1$, $b = \pi$, $c = -2$



$y = a\cos(x - b) + c$

Find a, b and c.

$a = -3$, $b = \pi/2$, $c = 1$

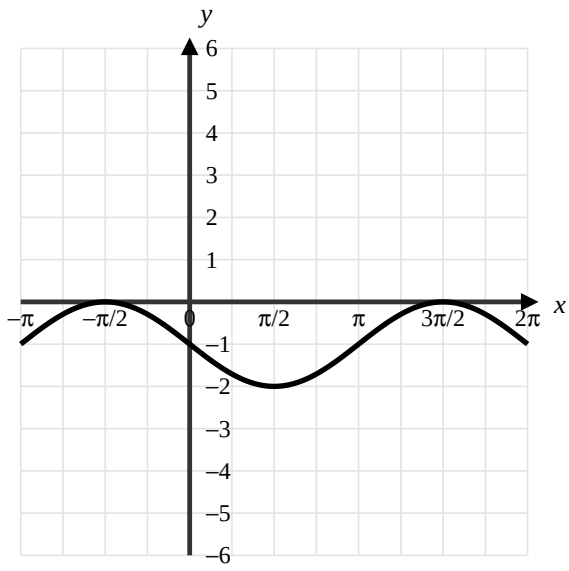


$y = a\sin(x - b) + c$

Find a, b and c.

$a = -2$, $b = \pi$, $c = 0$

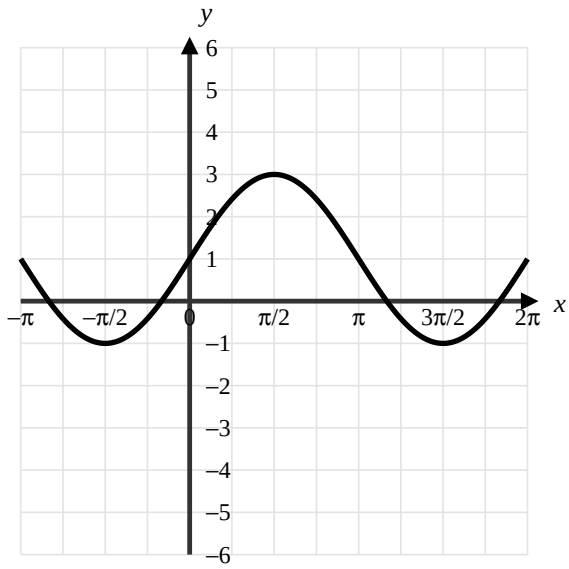
Solutions – Properties of Trig Graphs (H)



$y = a\cos(x - b) + c$

Find a, b and c.

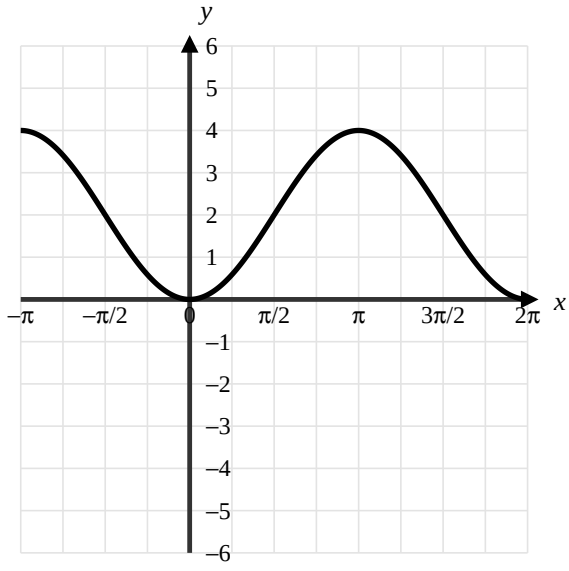
$a = -1$, $b = \pi/2$, $c = -1$



$y = a\sin(x - b) + c$

Find a, b and c.

$a = -2$, $b = \pi$, $c = 1$

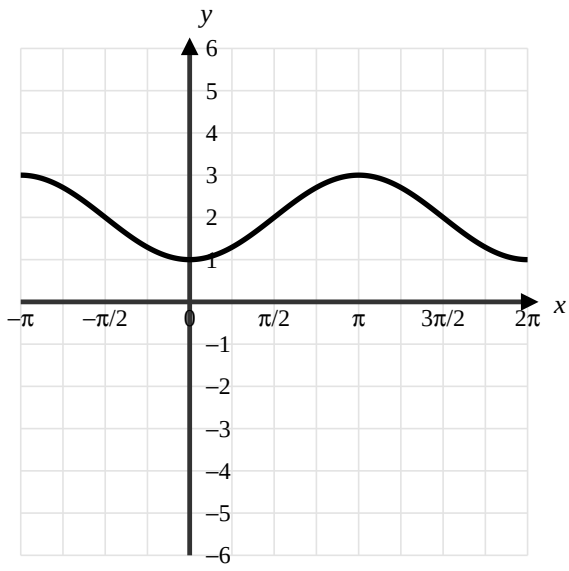


$y = a\cos(x - b) + c$

Find a, b and c.

$a = -2$, $b = 0$, $c = 2$

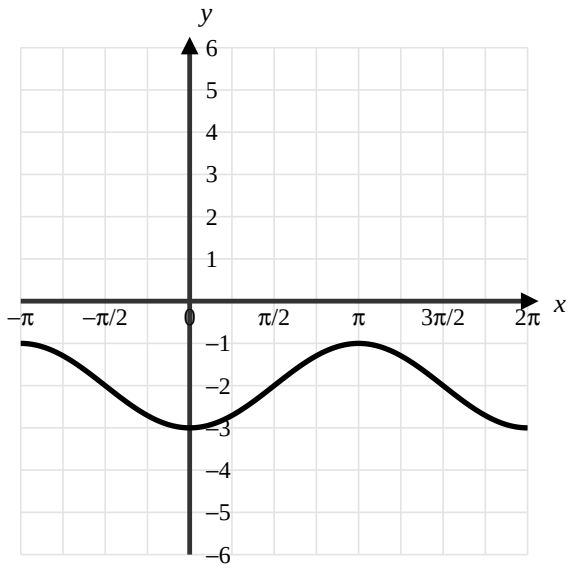
Solutions – Properties of Trig Graphs (I)



$y = a\sin(x - b) + c$

Find a, b and c.

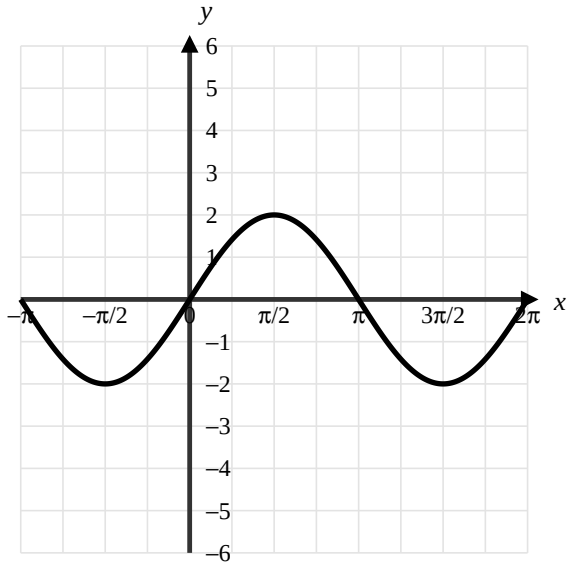
$a = 1$, $b = \pi/2$, $c = 2$



$y = a\cos(x - b) + c$

Find a, b and c.

$a = -1$, $b = 0$, $c = -2$

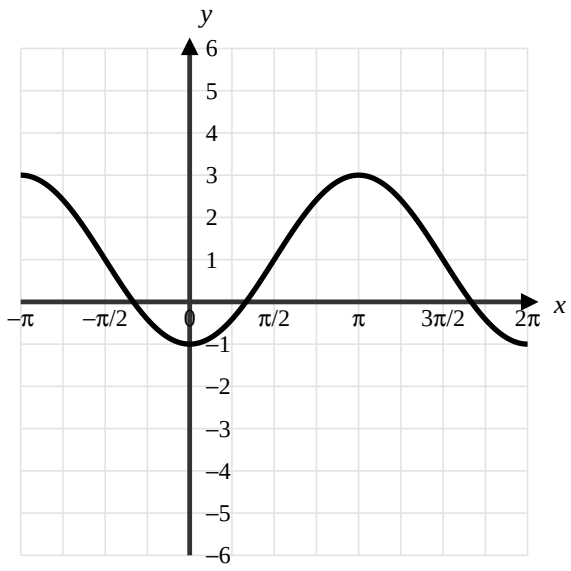


$y = a\cos(x - b) + c$

Find a, b and c.

$a = 2$, $b = \pi/2$, $c = 0$

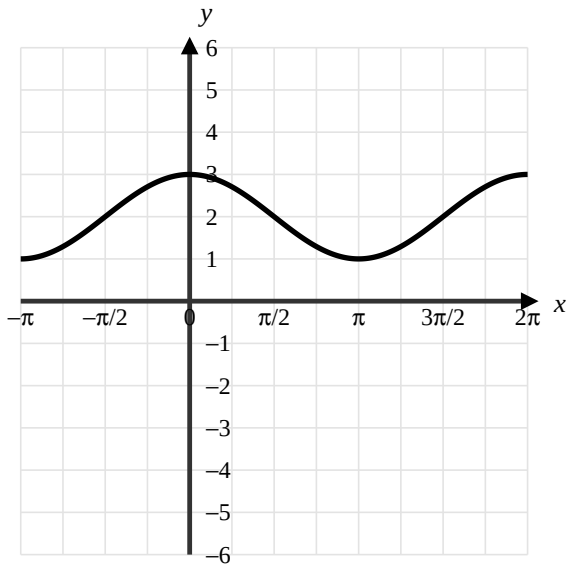
Solutions – Properties of Trig Graphs (J)



$y = a\cos(x - b) + c$

Find a, b and c.

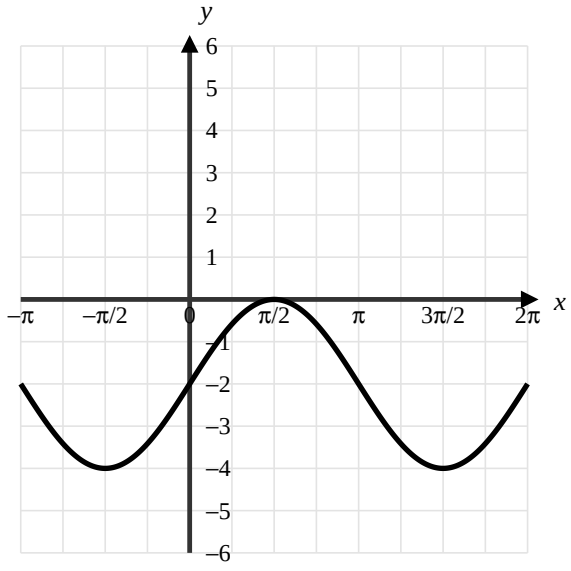
$a = 2$, $b = \pi$, $c = 1$



$y = a\cos(x - b) + c$

Find a, b and c.

$a = -1$, $b = \pi$, $c = 2$



$y = a\sin(x - b) + c$

Find a, b and c.

$a = 2$, $b = 0$, $c = -2$