

mobius

Quadratic Equation Word Problem To Expression - 3-Sided Rectangle



What equation gives the area of the garden?

A rectangular garden is built along x meters of a wall using a total of 22m of fencing.

$$A(x) = x \cdot (22 + 2x)$$
 $B(x) = x \cdot (\frac{22 + x}{2})$ A parking lot that is a rectangle shape is enclosed by x meters of a wall and 29m of

$$\overset{ extsf{C}}{A}(x) = x \cdot (rac{22-x}{2})$$

2

A parking lot that is a

What equation gives the area of the parking lot?

$$A(x) = x \cdot (rac{29-x}{2}) A(x) = x \cdot (29+2x)$$

$$\stackrel{ extsf{C}}{A}\!(x) = x \cdot (29 - 2x)$$

3

What equation gives the area of the parking lot?

A parking lot that is a rectangle shape is enclosed by x meters of a wall and 20m of fencing.

$$\overset{ extsf{C}}{A}(x) = x \cdot (rac{20-x}{2})$$

4

 $A(x)=x\cdot (20-2x)$ $B(x)=x\cdot (rac{20+x}{2})$ A rectangular garden is built along x meters of a wall using a total of 26m

What equation gives the area of the garden?

$$\stackrel{\mathsf{A}}{A}(x) = x \cdot (\frac{26-x}{2}) \stackrel{\mathsf{B}}{A}(x) = x \cdot (26-2x)$$

$$\mathop{A(x)}\limits_{=}^{\mathbf{C}} = x \cdot (26 + 2x)$$

5

What equation gives the area of the garden?

A rectangular garden is built along x meters of a wall using a total of 16m of fencing.

$$A(x) = x \cdot (rac{16-x}{2})$$

6

 $A(x)=x\cdot (16+2x)$ $B(x)=x\cdot (rac{16+x}{2})$ A rectangular garden is built along x meters of a wall using a total of 28m of fencing.

What equation gives the area of the garden?

$$^{\mathsf{A}}A(x)=x\cdot(rac{28-x}{2})$$

$$\overset{ extsf{B}}{A}(x) = x \cdot (28 + 2x)$$

7

What equation gives the area of the garden?

A rectangular garden is built along x meters of a wall using a total of 15m of fencing.

$$^{\mathsf{A}}A(x)=x\cdot(rac{15-x}{2})$$

$$\stackrel{ extsf{B}}{A}(x) = x \cdot (15 + 2x)$$

8

A parking lot that is a rectangle shape is enclosed by x meters of a wall and 27m of

What equation gives the area of the parking lot?

$$\stackrel{\mathsf{A}}{A}\!(x) = x \cdot (\mathsf{27} + \mathsf{2}x) \stackrel{\mathsf{B}}{A}\!(x) = x \cdot (\mathsf{27} - \mathsf{2}x)$$

$$\overset{ extsf{C}}{A}(x) = x \cdot (rac{27-x}{2})$$