

Title: Sep 23 - 11:37 AM (1 of 9)

Sept. 20, 2006

State the meaning of the variable expression and name the operation.

Evaluate the variable expression when x = 3

$$7x = 2/3 = 21$$

 $5 + x = 5 + (3) = 8$
 $12/x = 12$
 $x - 2 = (3) - 2 = 1$

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Find the distance traveled by a car moving at an average speed of 60 mph for 3 hours.

Find the perimeter of a square with each side 12

inches long.

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Write the expression in exponential form

- 3 squared >2
- x to the fourth power x 4
- s cubed 53

Evaluate the variable expression when

$$s = 2$$
 and $t = 4$

$$(t-s)^{3} = ((4)-(2))^{3} - (2)^{3} - 8$$

$$(s^{2}) + (t^{2}) = ((2)) + ((4)) = (4) + (16) = 20$$

$$(t+s)^{2} = ((4)+(2))^{2} - (6)^{2} = 36$$

Find the area of a square with a side of 4 feet.

Evaluate the variable expression when

$$\frac{x=2}{0 20 - 4x^2 = 20 - 4(2)^2 - 20 - 4 \cdot 4 = 20 - 16 = 4}$$

$$\frac{2}{5} \frac{6 + 3x^3 = 6 + 3(2)^3 = 6 + 3 \cdot 8 = 6 + 24 = 30}{2x - 2(2)} = \frac{2(2)}{3 + 5} = \frac{4 - 1 + 5}{3 + 5}$$

Your friend makes 4 field goals. You make three times as many field goals as your friend plus one. How many point do you have if each field goal is worth 3 points. $F_r = 4900$

$$U = 3.4 + 1$$

$$13.3 = 3925 = 13$$

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Use mental math to solve: 2 = 6 - x

What Number subtracted by b Pavals 2? 4

Check if 3, 4, and 5 are solutions for 3n - 4 = 8

$$3(3)-4=8$$

 $9-4=8$
 $5=8$
Not a $8=8$
Solution Solution Not a Solution Solution

Write these sentences as an equation.

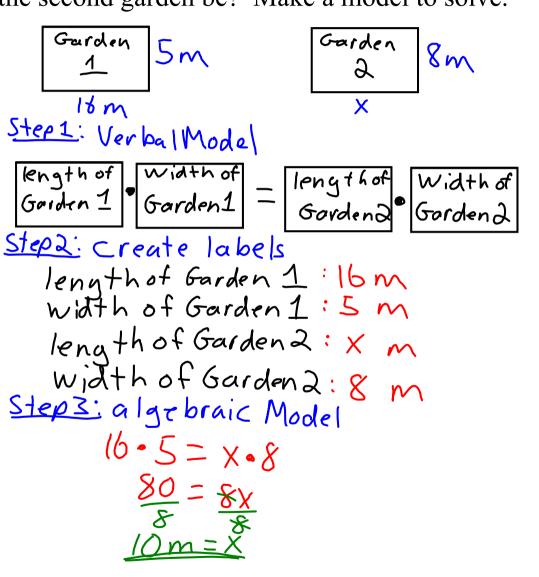
The product of 5 and a number is 25.



The quotient of 8 and a number is 2.



You want two rectangular gardens to have the same area. The first is 5 meters by 16 meters. The second is 8 meters wide. How long should the second garden be? Make a model to solve.



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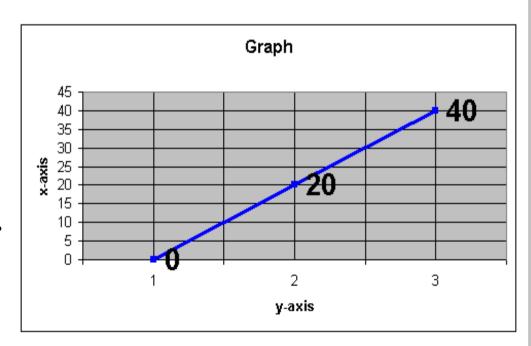
What is the domain and range of the following.

Domain	Input	0	1	2	3
Runae	Output	0	20	40	60

Pamoin: {0,1,2,3}

Range: {0,20,40,60}
Make a function to represent the above table.

Graph the function.



Chapter Test Sections 1.1-1.8

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