Warm-up

Nov 19

1) Find the value of m

a) $\frac{m}{7} = 5$

$m = 35$

b) $\frac{8}{m} = 4$

$8 = 4m$

$2 = m$

2) Calculate given the value of the variable

a) $9x$ $x = 3$

$9(3)$

27

b) $\frac{100}{n}$ $n = 20$

$\frac{100}{20}$

5

$m = 2$

$\frac{8}{m} = 4$

$\frac{8}{2} = 4$ ✓

Simplify → combine like terms

1. $8x+7-6+5a-4x-7a$

$4x+1-2a$

2. $3x+5-2x+7$

$1x+12$

$x+12$

Translate each phase to a algebraic expression

1. Triple a number

   $3a$

2. Product of 4 and a number

   $4n$

3. Quotient of a number and 5

   $\frac{n}{5}$ $\frac{5}{n}$

Solve given the value of the variable

1. 7f, where f=6

$7(6)$

42

2. x/20, where x=80

$\frac{x}{20}$

$\frac{80}{20}$

4

Solve for the variable

1. $10x=90$

$\frac{10}{10}\quad\frac{90}{10}$

$x=9$

2. $\frac{5}{a}=120$ (×a)

$5=120a$

$\frac{a}{5}=120$ (×5)

$a=600$

Create an algebraic expression for each word problem:

1. A baker uses 3 eggs for every cake. Write an expression for the total eggs used for c cakes.

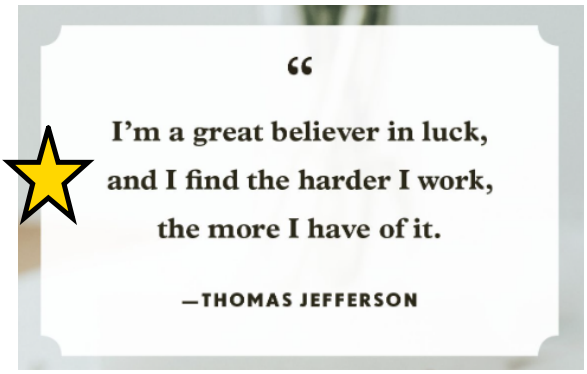
$3c$

2. Miss Taylor is organizing a charity bake sale. She has baked 120 cookies and wants to divide them equally among b boxes. Write an algebraic expression to represent the number of cookies in each box.

$\frac{120}{b}$

Homework

1. Test tomorrow!!!!
2. Practice test....this will really help you prepare for the actual test.
3. Review things you may find challenging.



Attachments

Practise Test.docx