


Warm Up

3)

	$3ab^4 - 6$	$2r^8 - 3p + 7$	$-13xyz$	$\frac{5}{2x}$	2
# of terms	2	3	1	1	1
Coefficients	3	2, -3	-13	1	∅
Constant	-6	7	∅	∅	2
Variable	a, b	r, p	x, y, z	∅	∅
Degree	5	8	3	∅	0


Feb 8-8:08 PM



Warm Up

Write the simplified polynomial for the following algebra tiles.

1)



2) Simplify


a) $(12t^2 + 5t - 6) + (-4t^2 - 8t + 11)$

b) $(-9n^2 - 5nx + 13n) - (2n^2 - 5nx + 6n)$

Feb 8-8:08 PM

Warm Up

Write the simplified polynomial for the following algebra tiles.

1) 

$$-4x + 8$$

2) Simplify

a) $(12t^2 + 5t - 6) - (-4t^2 - 8t + 11)$

$$12t^2 + 5t - 6 - 4t^2 - 8t + 11$$

$$= 12t^2 - 4t^2 + 5t - 8t - 6 + 11$$

$$= 8t^2 - 3t + 5$$

b) $(-9n^2 - 5nx + 13n) - (2n^2 - 5nx + 6n)$

$$-9n^2 - 5nx + 13n - 2n^2 + 5nx - 6n$$

$$-9n^2 - 2n^2 - 5nx + 5nx + 13n - 6n$$

$$-11n^2 + 7n$$

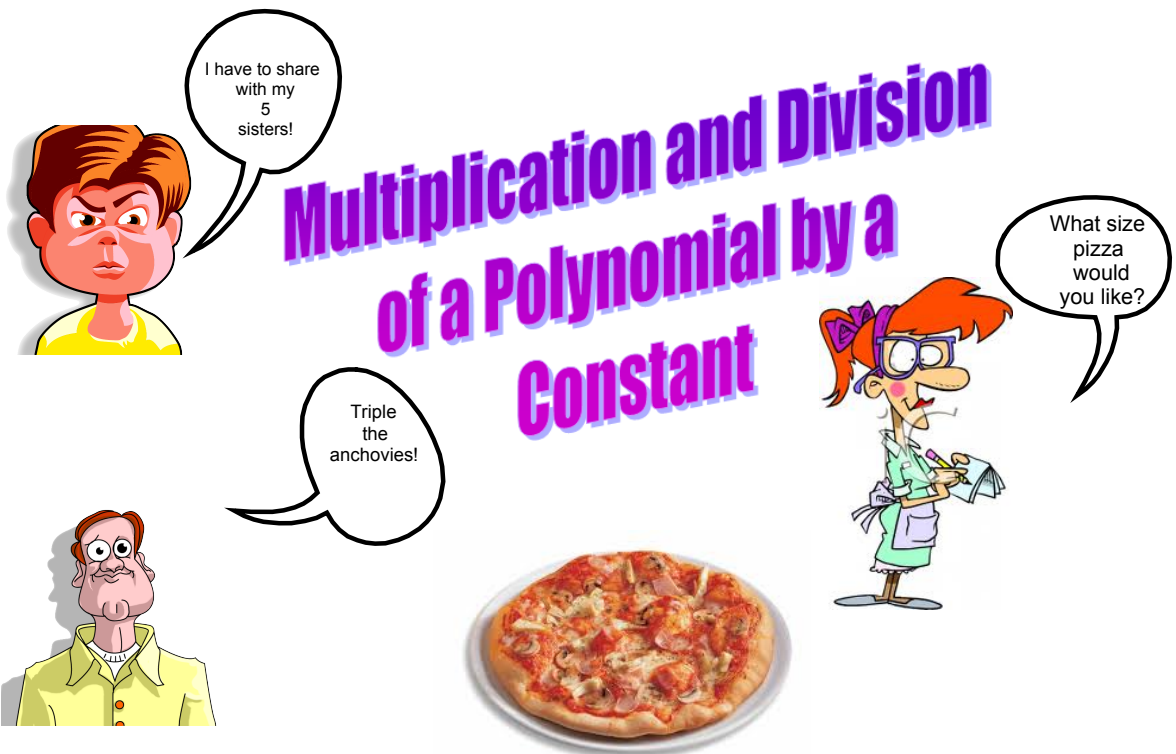
Feb 8-8:08 PM

Multiplication and Division of a Polynomial by a Constant


I have to share with my 5 sisters!

Triple the anchovies!

What size pizza would you like?



Feb 6-5:09 PM



Things you already know!!

$$4 \times 5 = 20$$

$$(4)(5) = 20$$

$$4(5) = 20$$

Things you need to know :)

Why didn't I use this example??

$$(4)(m) =$$


$$4(1m) = 4m$$

$$6(z) = 6z$$

$$(-2)(-r) = 2r$$

$$-2(-1r)$$

$$4(-3v) = -12v$$



Feb 6-5:34 PM

#1)

$$4(6w)$$

$$= 24w$$

#2)

$$4(6w - 11)$$

$$= 24w - 44$$

#3)

$$4(6w^2 - 7p + 11)$$

$$= 24w^2 - 28p + 44$$

Feb 6-6:25 PM

Things you already know!!

$$30 \div 3 = 10$$

$$\frac{30}{3} = 10$$

Things you need to know :)

$$60z \div 15 = 4z$$

$$\frac{60z}{15}$$

$$\frac{48m}{4} = 12m$$

Feb 6-5:34 PM

$$\frac{100r^2 + 50m}{5}$$

$$= \frac{100r^2}{5} + \frac{50m}{5}$$

Now Divide each term

$$= 20r^2 + 10m$$

Feb 6-6:25 PM

$$(100r^2 + 50m - 65z) \div (-5)$$

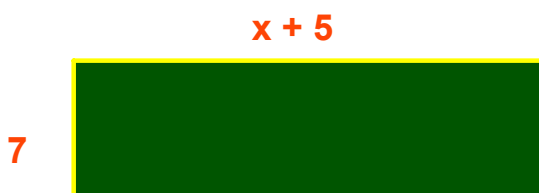
$$\frac{100r^2}{-5} + \frac{50m}{-5} - \frac{65z}{-5}$$

$$-20r^2 - 10m + 13z$$

Feb 13-1:42 PM

A = length x width

A = (l)(w)

Write the multiplication statement
for the area of each rectangle.

$$A = (l)(w)$$

$$A = (7)(x + 5)$$

$$= 7x + 35$$

Feb 6-6:19 PM

Class/ Homework

Mid-Unit Review

Page 237

#1

#2

#3

#4(a,c)

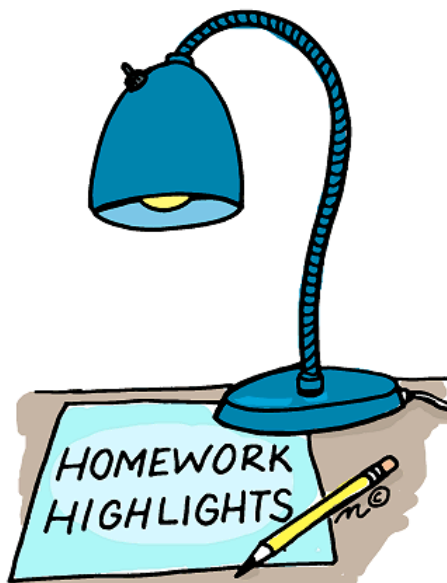
#6

#9 b,d, g(just simplify)

#10 bd (no tiles)

#11

#12a



Feb 8-6:45 PM