# Warm Up

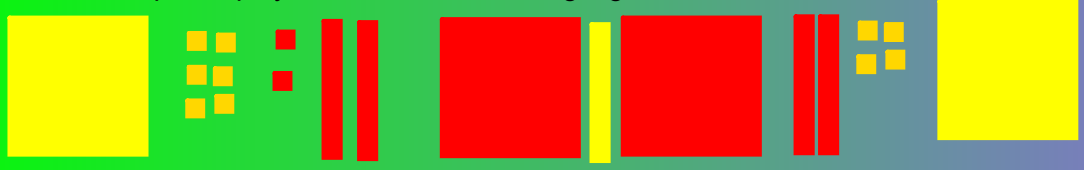
3)

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

Feb 8-8:08 PM

# Warm Up

1) Write the simplified polynomial for the following algebra tiles.

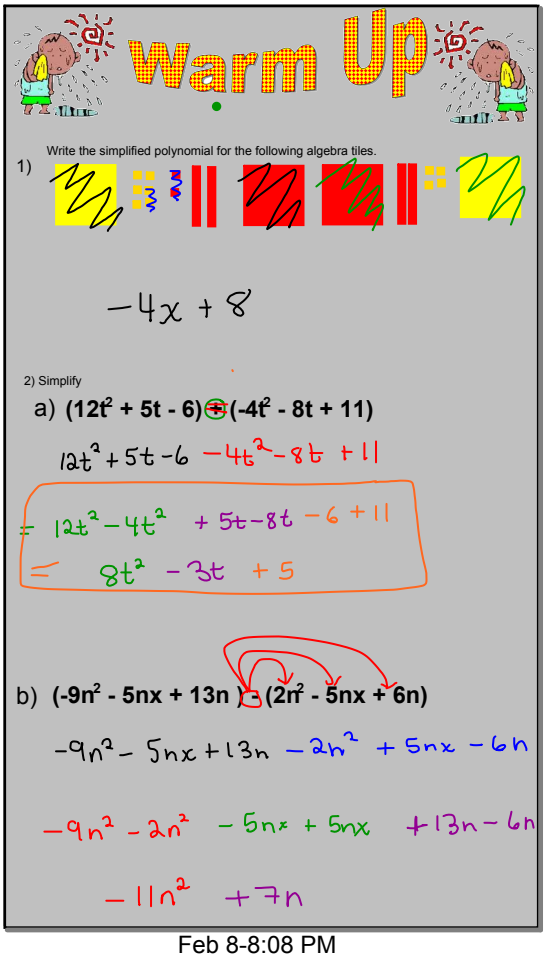


2) Simplify

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

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

Feb 8-8:08 PM

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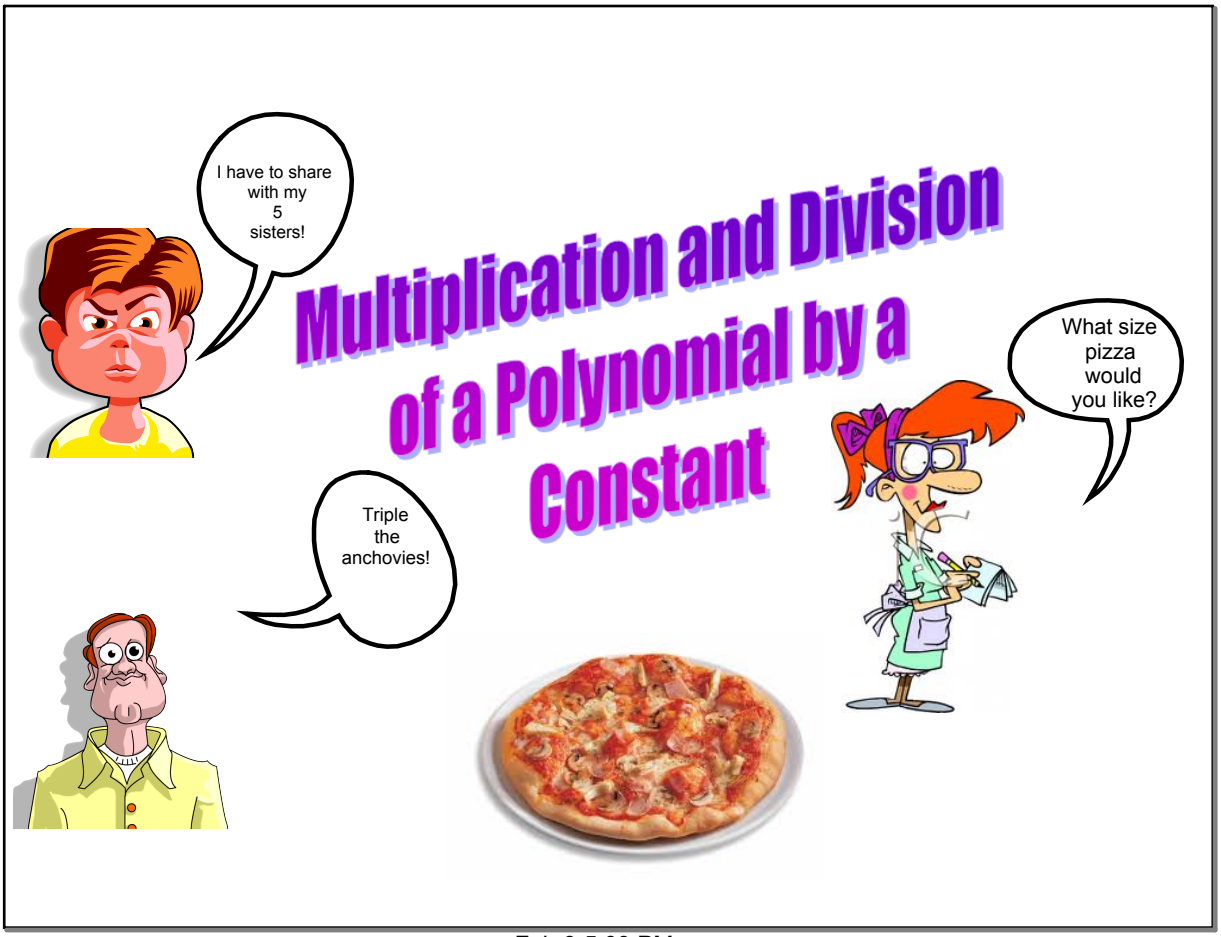



Feb 6-5:09 PM


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??

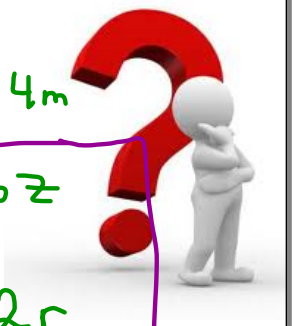
$(4)(m) = 4(1m) = 4m$

$6(z) = 6z$

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

$-2(-1r)$

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



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

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

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

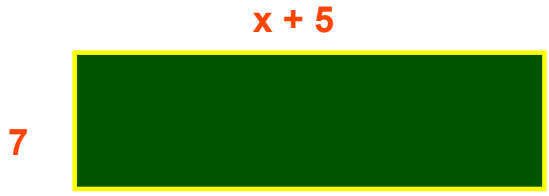
$-20r^2 - 10m + 13z$

Feb 13-1:42 PM

A = length x width

A = (l)(w)

Write the multiplication statement for the area of each rectangle.



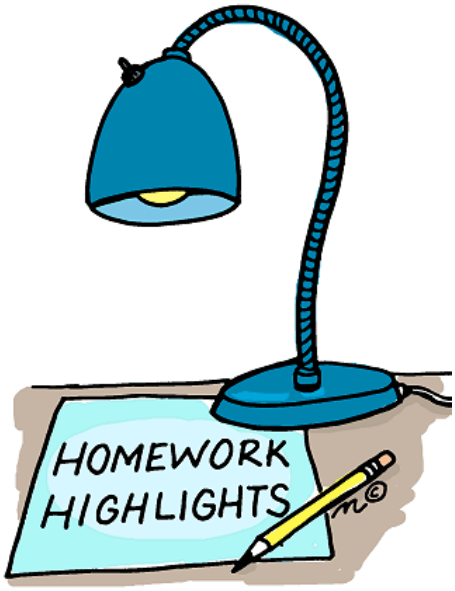

$A = (l)(w)$

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

$= 7x + 35$

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