

BE-1B

Monday 11-26-07

① $(2x-1) + (2x-1)$

② $(2x-1) - (2x-1)$

③ $-(2x-1) - (2x-1)$

④ $(2x-1)(2x-1)$ OR $(2x-1)^2$

⑤ Find GCF: $12x^3y, 18x^2y^2$

• m/u Quiz 5

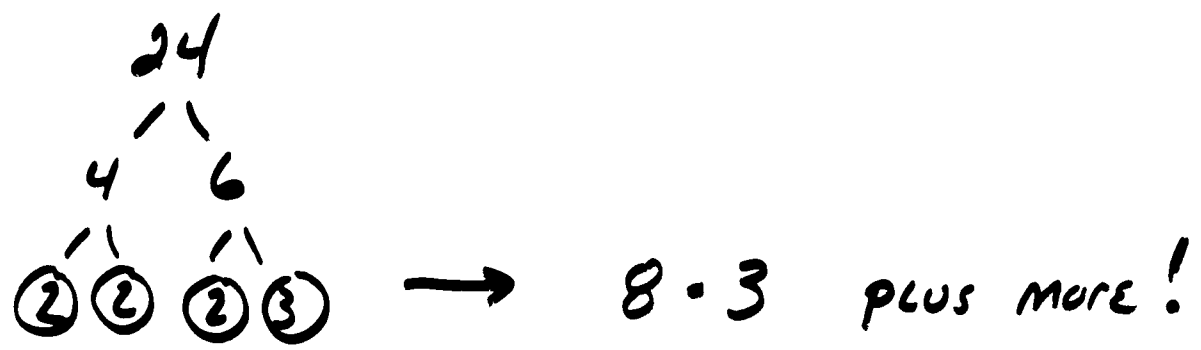
• GRADE 5/Quiz 5/Homework Review

Multiply
factors → products

$$3 \cdot 8 = 24$$

$$4x(3x+4) = 12x^2 + 16x$$

factor products → factors



$12x^2 + 16x$ → FACTORS?

GCF?

$4x$ → $4x(\quad + \quad)$
↑ ↑
WHAT FACTORS ARE LEFT?

* "UNDO" THE D.P. $4x(3x + 4)$ ✓

{ CH. 9-2 FACTORING USING THE DISTRIBUTIVE PROPERTY }

FACTOR:

$$12x^3y + 18x^2y^2$$

$$\begin{array}{ccc} \text{GCF} & \text{WHAT'S LEFT} & \text{WHAT'S LEFT} \\ 6x^2y & (& + &) \end{array}$$

$$6x^2y(2x + 3y)$$

How can you CHECK THIS?

$$6x^2y(2x + 3y)$$

$$12x^3y + 18x^2y^2 \quad \checkmark$$

FACTOR: $2x^5y^3 + 4x^2y^2$

$$\text{GCF} (\quad + \quad)$$

$$2x^2y^2(x^3y + 2)$$

$$\text{FACTOR: } 9x^2 + 36x$$

$$9x(x + 4)$$

$$\text{FACTOR: } 16xz - 40xz^2$$

$$8xz(2 - 5z)$$

$$\text{FACTOR: } 18cd^2 + 12c^2d + 9cd$$

$$3cd(6d + 4c + 3)$$

Homework: Page 484 # 16-27