

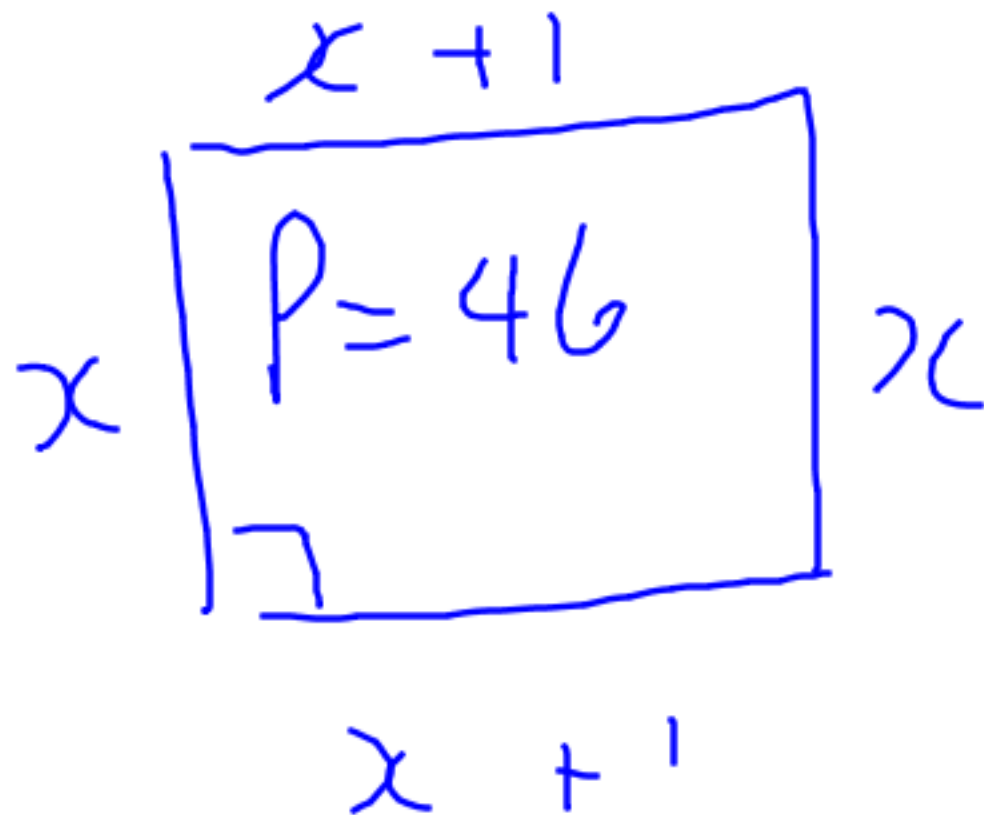
Common Factors Cont'd Feb 1

$$21. \quad \frac{4x^2y^2}{2xy^2} - \frac{6xy^2z^2}{2xy^2}$$

$$= 2xy^2(2x - 3z^2)$$

23
25
27
29
31

33.



Let $x = \text{width}$
then let $x+1$
= length

$$P = 2L + 2w$$

$$46 = 2(x+1) + 2x$$

$$46 = 2x + 2 + 2x$$

$$46 = 4x + 2$$

$$44 = 4x$$

$$x = 11$$

$$P = 2L + 2w$$

$$P = 2(L + w)$$

$$P = 2(x + 1 + x)$$

$$46 = 4x + 2$$

$$x = 11$$

$$34 \text{ a) } \frac{(a+b)x}{a+b} + \frac{(a+b)y}{a+b}$$

$$= (a+b)(x+y)$$

$$\text{b) } \frac{x(x-2)}{x-2} + \frac{3(x-2)}{x-2}$$

$$= (x-2)(x+3)$$

Binomial Products

$$\begin{array}{l} 6. \quad x(2x+3) \\ \quad = 2x^2 + 3x \end{array}$$

$$\begin{array}{l} 10. \quad -2x(3x+5y) \\ \quad = -6x^2 - 10xy \end{array}$$

$$\begin{array}{l} \text{Feb 1} \\ 5. \quad 4x(3x-1) \\ \quad = 12x^2 - 4x \end{array}$$

11.

$$(x+1)(x+2)$$

FOIL
First
Outer
Inner
Last

$$= x^2 + 2x + 1x + 2$$

$$= x^2 + 3x + 2$$

15.

$$(x-4)(x-3)$$

$$= x^2 - 3x - 4x + 12$$

$$= x^2 - 7x + 12$$

FOIL
First
Outer
Inner
Last

Homework

Finish p. 278 (first box)

p. 280 thru 29 (first hawk
line of second
box)

these pages are also on Ekshy.