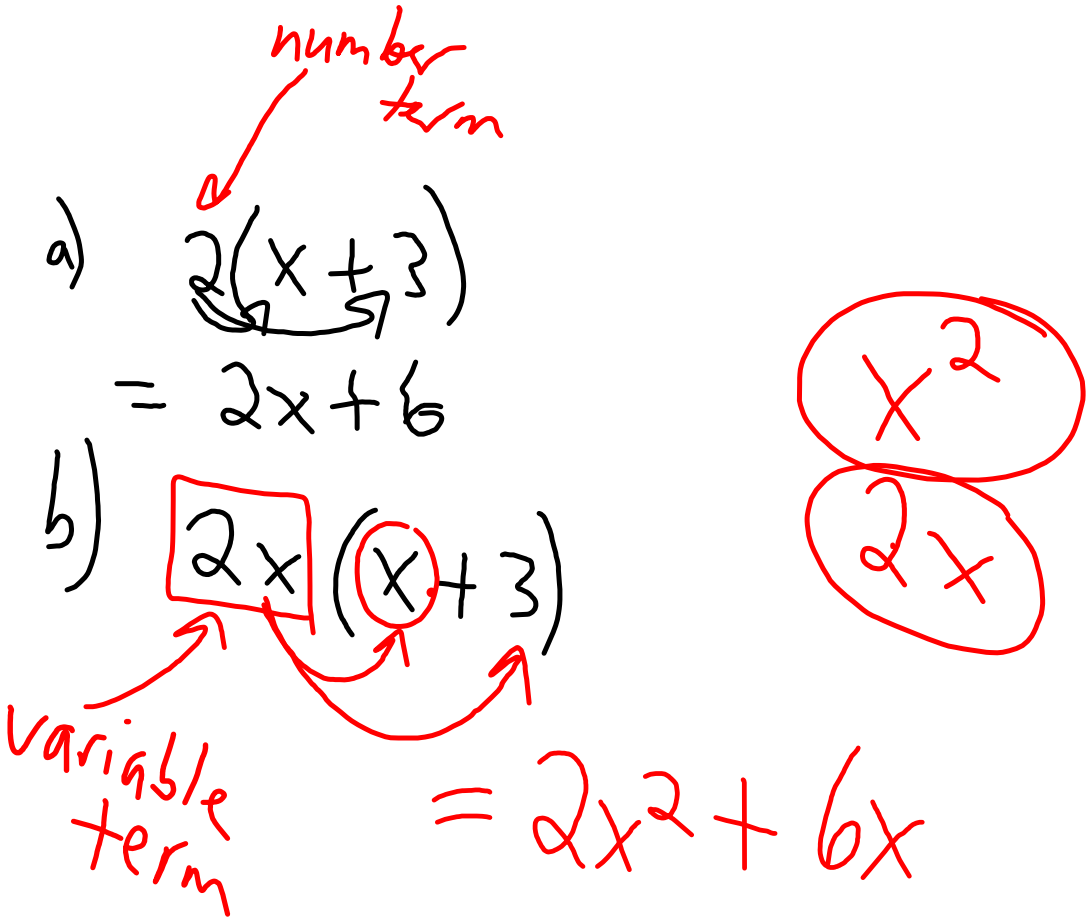
4.4 Distributive Property - Part 2 pg269-273

Ex. 1) a monomial times a binomial

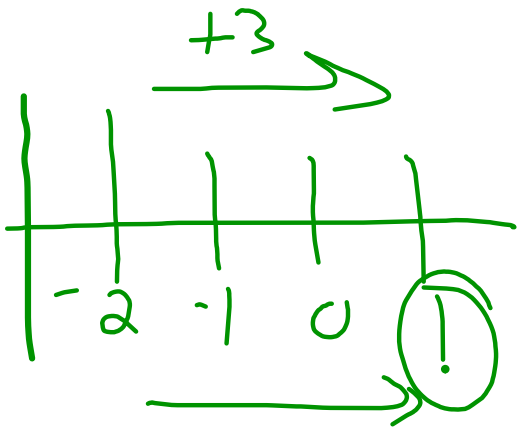


p. 314
#56)

$$-1(2a+3)+3(a-1)-4(a-2)$$

$$=-2a-3+3a-3-4a+8$$

$$=-3a+2$$



$$3-3+8$$
$$=-6+8$$
$$=2$$

p.314 wk

#60)

$$E \quad 2(x^2+y^2) - 3x^2 + 4y^2 + 7$$

$$S = 2x^2 + 2y^2 - 3x^2 + 4y^2 + 7$$

$$= -1x^2 + 6y^2 + 7$$

$$= -x^2 + 6y^2 + 7$$

p.314 #62)

$5(2y^2+3y-2)-2(y^2-4y+1)$

$= 10y^2+15y-10-2y^2+8y-2$

$= 8y^2+23y-12$

$-10-2 = -12$

Worksheet p.322

#25.

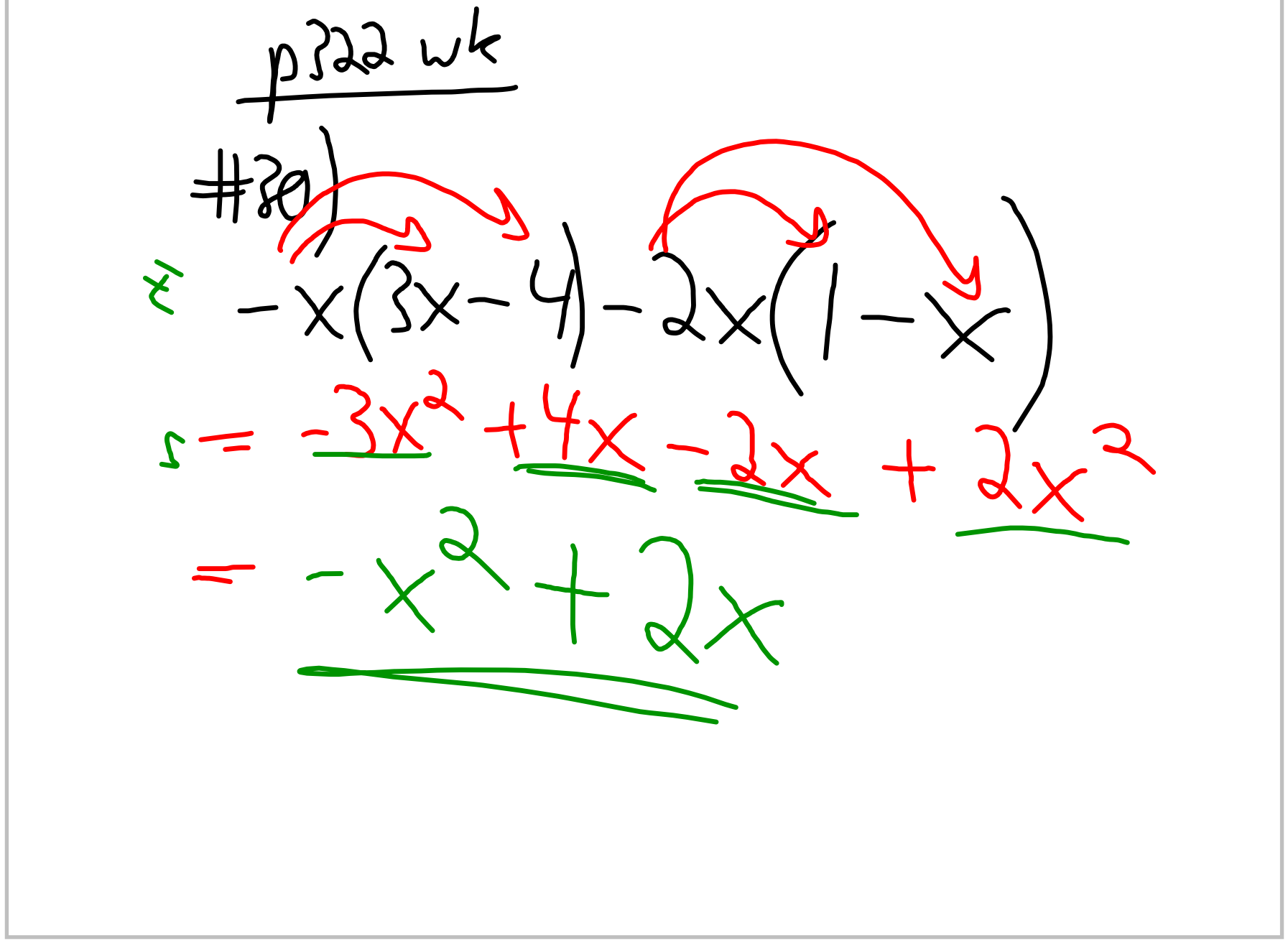
Expand & Simplify

(4.2) (4.1)

$$3x(x+2) + 2x(x+5)$$

$$= 3x^2 + 6x + 2x^2 + 10x$$

$$= 5x^2 + 16x$$


p322 wk
#80)
$-x(3x-4)-2x(1-x)$
$= -3x^2+4x-2x+2x^2$
$= -x^2+2x$

p. 322 wk)

#38)

$$-3b(3b^2 - 5b + 1)$$

$$= -9b^3 + 15b^2 - 3b$$