

Bathroom breaks are to be
taken before class!!

Do NOT move the desk!!

Turn your phone OFF!!

Put your phone up!!

Sit down!! Be quiet!!

Prepare to work!!

Keep your hands to yourself!!

Pg 29

3)

$$(x + 8)(5x - 1)$$

$$40x$$

$$-1x$$

$$5x^2 + 39x - 8$$

5)

Diagram illustrating the multiplication of two binomials:

$$(4x + 3)(3x - 7)$$

The diagram shows the terms $4x$ and 3 in the first binomial, and $3x$ and -7 in the second binomial. The product is calculated as follows:

- $4x \cdot 3x = 12x^2$
- $4x \cdot (-7) = -28x$
- $3 \cdot 3x = 9x$
- $3 \cdot (-7) = -21$

The final result is:

$$12x^2 - 19x - 21$$

$$12x^2 - 19x - 21$$

B)

$$(4x - 1)(2x + 1)$$

$$8x^2 + 2x - 1$$

7)

$$(3x - 7)(x + 8)$$

7x
+24x

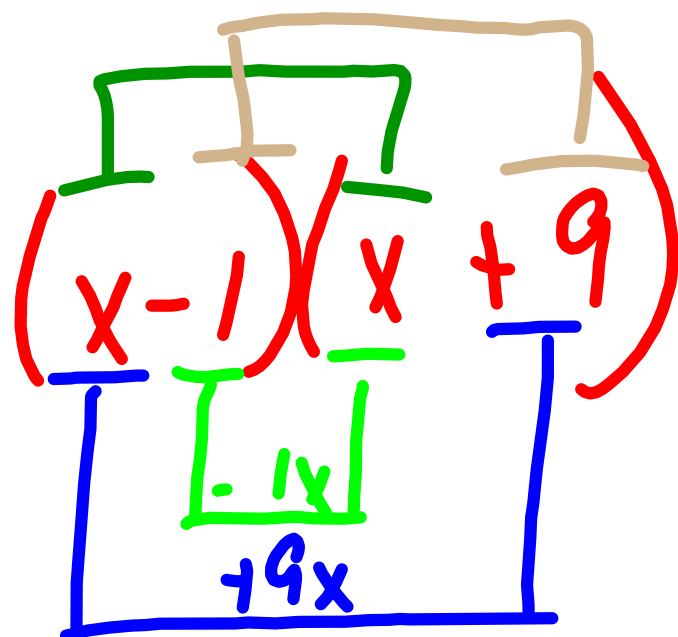
$$3x^2 + 17x - 56$$

9)

$$(3x-5)(4x+7)$$

$$12x^2 + 1x - 35$$

22)



$$x^2 + 8x - 9$$

16)

$$(3x + 7)(7x - 5)$$

$$21x^2 + 34x - 35$$

11)

$$\begin{array}{r} \overline{(3x+1)(5x-2)} \\ \underline{1+5x} \\ -6x \\ \hline 15x^2 - 1x - 2 \end{array}$$

25)

$$(5x + 3)(5x - 7)$$

$$25x^2 - 20x - 21$$