

FOIL Man Song



<https://www.youtube.com/watch?v=FVeI7PluU00>

Solve using FOIL

(then draw FOIL Man)

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

Diagram illustrating the FOIL method for multiplying $(2x + 1)(3x - 4)$. The terms are connected by colored arcs: a blue arc connects $2x$ and $3x$ (labeled $3x$ in purple), a purple arc connects $2x$ and -4 (labeled $-8x$ in green), a green arc connects 1 and $3x$ (labeled $3x$ in purple), and a red arc connects 1 and -4 (labeled -4 in red).

$$6x^2 - 8x + 3x - 4$$

$$6x^2 - 5x - 4$$

Homework Questions?

Examples

1) $5y(y - 8)$

$$5y^2 - 40y$$

	y	-8
$5y$	$5y^2$	$-40y$

$$5y^2 - 40y$$

2) $(x + 3)(x - 6)$

$$x^2 - 6x + 3x - 18$$

$$x^2 - 3x - 18$$

	x	-6
x	x^2	$-6x$
3	$3x$	-18

$$x^2 - 3x - 18$$

10.2 Homework (day 2)

"9.3" Multiplying Binomials (p.154)

wkst #1-20

(#2-10 use BOX Method)

(#11-20 us FOIL or Box Method)