

Expand and Simplify - Break First Term (Hammer Time)

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

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

Mar 14-2:37 PM

Expand and Simplify (FOIL)

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

$$F \quad 3x \cdot 2x =$$

$$O \quad 3x \cdot +3 =$$

$$I \quad +4 \cdot 2x =$$

$$L \quad +4 \cdot +3 =$$

Mar 14-2:28 PM

Try each of the following - Choose a method

$$1 \quad (x + 3)(x + 5) = \underline{\hspace{2cm}}$$

$$2 \quad (x + 2)(x - 4) = \underline{\hspace{2cm}}$$

$$3 \quad (x - 5)(x - 3) = \underline{\hspace{2cm}}$$

$$4 \quad (2x + 4)(x + 7) = \underline{\hspace{2cm}}$$

$$5 \quad (x - 7)(3x - 5) = \underline{\hspace{2cm}}$$

$$6 \quad (3x - 4)(2x + 3) = \underline{\hspace{2cm}}$$

May 6-1:37 PM

Textbook Examples

Page 282-286 - Check Example 4 - page 285

$$(x + 2)^2 \text{ means } (x + 2)(x + 2)$$

Mar 14-3:06 PM