Type 2 0x2+bx+c

Ex: 4x2+2x-1 -62-3-+8

How do we Some these?

+ LIO Extra

Steps Rainbor enter

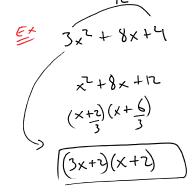
(3x+4)(2x+3)

6×12

Distribution Methole

Shell is tributed by $6 \times 12 = 72$ Shell $6 \times 12 = 72$ Shell $6 \times 12 = 72$ Shell $6 \times 12 = 72$ Cook for numbers that Multiply to 72and add to 17 $\frac{17}{17} | 72$ $\frac{1}{22} | 1 \times 72$

$$6x^{2}+8x+9x+12$$
 $2\times(3x+4)+3(3x+4)$
 $(3x+4)(2x+3)$



$$\frac{[x]}{3(8x^{2}-10x+3)}$$
when there is
$$x^{2}-10x+24$$

$$(x-6)(x-4)$$

$$(x-\frac{3}{4})(x-\frac{1}{2})$$

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

$$-5t^{2} + 25t + 30$$

$$-5(t^{2} - 5t - 6) + \times$$

$$-5(t+1)(t-6) + -5 - 6$$

$$+1 - 2 \times 3$$

$$-1 \times 6$$

Homework: 3,4,5,8a,9,10

Homework: 2,6,7,8b,11,15

factor

Talker