

## M10 - 5.8 - Finding k to Factor HW

Find k that allows the polynomial to be factored

$$x^2 + kx - 10$$

$$x^2 + kx + 20$$

$$3x^2 + kx - 10$$

$$x^2 + 8x - k$$

$$x^2 - 3x - k$$

$$23x^2 + 45x - k$$

$$15x^2 + kx + 2$$

$$12x^2 + 4x - k$$

$$kx^2 + 6x - 2$$

$$kx^2 + 12x + 6$$

$$kx^2 + 7kx + 20$$

$$x^2 - k$$