



$$(x + m)(x + n)$$

$$= x^2 + xn + mx + mn$$

$$= x^2 + (n + m)x + mn$$

What factors of 8
have a sum of 6?

$$(x + \quad)(x + \quad) = x^2 + 6x + 8$$

Factor each trinomial completely.

$$b^2 + 4b - 32$$

$$g^2 - 2g - 63$$

$$2x^2 - 8x - 42$$

Solve the equation.

How many
solutions will
it have?



FEZ!

$$j^2 + 3j = 18$$



**QUESTIONS I NEED TO ASK
IN CLASS:**