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(2)
$$\chi^2 + 10\chi + 2 = (\chi + 7)(\chi + 3)$$

3)
$$\chi^2 - 2\chi - 35 = (\chi + 5)(\chi - 7)$$

= 75

$$\chi^2 + 11 + 18$$
 1 18 29 36

$$(6a) \quad \pi^{2} - 2\pi - 15 = (\pi + 3)(\pi - 5)$$

$$-5 + 3 = -2$$

Factor
$$2x^{2} + 4x - 48$$

 $2(x^{2} + 2x - 24)$
 $2(x + 6)x - 4$

Quiz

$$\left(2\right)\left(\frac{1}{2}\sqrt{2}\right) = -4$$

$$(4) - 15p^{2} - 13p = -15p^{3} - 13p = 5p + 4$$

$$(5)(3x^2-4x-5)=-10x^3+20x^2+25x$$

