

Simple trinomial

Wednesday, December 16, 2020

11:25 AM

$$1) \quad x^2 + 7x + 12$$

$$= (x + 3)(x + 4)$$

$$\underline{3} + \underline{4} = 7$$

$$\underline{3} \times \underline{4} = 12$$

$$2) \quad 3a^2 - 39a + 36$$

$$= 3(a^2 - 13a + 12)$$

$$\text{GCF} = 3$$

$$= 3(a^2 - 13a + 12)$$

$$\underline{-12} + \underline{-1} = -13$$

$$\underline{-12} \times \underline{-1} = 12$$

$$= 3(a - 12)(a - 1)$$