

9/28/18

$$9x^3 - 54x = 9x(x^2 - 6)$$

$$162 - 5x^2 = 2(81 - 25x^2)$$

$$x^2 - 16x + 64 = (x - 8)^2$$

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

$$128y^2 - 320y + 200 = 8(16y^2 - 40y + 25) = 8(4y - 5)^2$$

$$y^3 - 512 = (y + 8)(y^2 - 8y + 64)$$

$$x^5 + 7x^3 + x^2 + 7 = x^3(x^2 + 7) + (x^2 + 7)$$