

$$1) y + y + z = 2y^2$$

$$2) 4x^2y^2z^2 + 15x^2y^2z^2 = 11x^2y^2z^2 - 6x^2y^2z^2 = 5x^2y^2z^2$$

$$3) 9xz^3 + 7xz^3 = 16xz^3 - 5xz^3 = 11xz^3$$

$$4) m^4 - m^2n^2 + m^2n^2 - n^4 = m^4 - 2m^2n^2 + n^4$$

$$5) m^2 + 2mn + n^2 - m^2 + 2mn + n^2 = 0$$

$$6) 34 \cdot 10x \cdot x = 340xy$$

$$7) 25x^2 + \frac{25m}{4}x^2$$

$$8) 7,3m$$

$$9) A^2 = 96^2 + 79^2$$

$$A^2 = 9219 + 6241 = A = \sqrt{15460} = 124,33$$

$$7'' = 2,54 \text{ cm} = 48,9$$

$$x = 124,33$$

$$10) c^2 = 13^2 + 14^2 = 169 + 196 = \sqrt{365} = 19,1 \text{ cm}$$