

$$x+y=7 \text{ et } xy=4$$

$$x>0 \text{ et } y>0$$

$$A = (\sqrt{x} - \sqrt{y})^2 = x + y - 2\sqrt{xy} = 7 - 2\sqrt{4} = 7 - 2 \times 2 = 7 - 4 = 3$$

$$B = 2x(1-y) + 2y(1-2x) = 2x - 2xy + 2y - 4xy = 2(x+y) - 6xy = 14 - 24 = -10$$

$$C = (x-y)^2 - (x+y)^2 = x^2 + y^2 - 2xy - x^2 - y^2 - 2xy = -4xy = -16$$