

Zadanie 26. (2pkt) Rozwiąż równanie $x^3 + 2x^2 - 8x - 16 = 0$.

$$x^2(x + 2) - 8(x + 2) = 0$$

$$(x + 2)(x^2 - 8) = 0$$

$$(x + 2)(x - 2\sqrt{2})(x + 2\sqrt{2}) = 0$$

$$x_1 = -2 \quad x_2 = 2\sqrt{2} \quad x_3 = -2\sqrt{2}$$