



Løse kubiske ligninger

StudentName: _____

ExamDate: _____ ExamScore: _____

$$x^3 - 7x^2 + 10x = 0$$

$$10x^3 + 41x^2 - 105x + 54 = 0$$

$$2x^3 + 33x^2 + 108x - 243 = 0$$

$$9x^3 + 46x^2 - 111x + 56 = 0$$

$$x^3 - 2x^2 - 25x + 50 = 0$$

$$x^3 - 4x^2 - 12x = 0$$

$$8x^3 - 145x^2 + 729x - 648 = 0$$

$$x^3 - 10x^2 + 24x = 0$$

$$8x^3 + 15x^2 - 11x - 18 = 0$$

$$8x^3 + 79x^2 + 125x - 252 = 0$$



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$$x^3 - 7x^2 + 10x = 0$$
$$x = 5, 2, 0$$

$$10x^3 + 41x^2 - 105x + 54 = 0$$
$$x = \frac{9}{10}, 1, -6$$

$$2x^3 + 33x^2 + 108x - 243 = 0$$
$$x = \frac{3}{2}, -9, -9$$

$$9x^3 + 46x^2 - 111x + 56 = 0$$
$$x = \frac{8}{9}, 1, -7$$

$$x^3 - 2x^2 - 25x + 50 = 0$$
$$x = -5, 5, 2$$

$$x^3 - 4x^2 - 12x = 0$$
$$x = -2, 6, 0$$

$$8x^3 - 145x^2 + 729x - 648 = 0$$
$$x = \frac{9}{8}, 9, 8$$

$$x^3 - 10x^2 + 24x = 0$$
$$x = 4, 6, 0$$

$$8x^3 + 15x^2 - 11x - 18 = 0$$
$$x = \frac{9}{8}, -1, -2$$

$$8x^3 + 79x^2 + 125x - 252 = 0$$
$$x = \frac{9}{8}, -4, -7$$