



Løse kubiske ligninger

StudentName: _____

ExamDate: _____ ExamScore: _____

$$9x^3 - 44x^2 - 256x + 256 = 0$$

$$8x^3 - 55x^2 - 14x + 49 = 0$$

$$x^3 + 5x^2 - 36x = 0$$

$$8x^3 - 41x^2 + 68x - 36 = 0$$

$$x^3 + 10x^2 + 16x = 0$$

$$x^3 + 2x^2 - 13x + 10 = 0$$

$$5x^3 - 74x^2 + 296x - 192 = 0$$

$$x^3 - 9x^2 - 36x + 324 = 0$$

$$x^3 + 6x^2 + 11x + 6 = 0$$

$$x^3 + 11x^2 + 38x + 40 = 0$$



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$$9x^3 - 44x^2 - 256x + 256 = 0$$
$$x = \frac{8}{9}, -4, 8$$

$$8x^3 - 55x^2 - 14x + 49 = 0$$
$$x = \frac{7}{8}, 7, -1$$

$$x^3 + 5x^2 - 36x = 0$$
$$x = -9, 4, 0$$

$$8x^3 - 41x^2 + 68x - 36 = 0$$
$$x = \frac{9}{8}, 2, 2$$

$$x^3 + 10x^2 + 16x = 0$$
$$x = -8, -2, 0$$

$$x^3 + 2x^2 - 13x + 10 = 0$$
$$x = -5, 1, 2$$

$$5x^3 - 74x^2 + 296x - 192 = 0$$
$$x = \frac{4}{5}, 8, 6$$

$$x^3 - 9x^2 - 36x + 324 = 0$$
$$x = 9, -6, 6$$

$$x^3 + 6x^2 + 11x + 6 = 0$$
$$x = -3, -2, -1$$

$$x^3 + 11x^2 + 38x + 40 = 0$$
$$x = -2, -4, -5$$