



## Løse kubiske ligninger

StudentName: \_\_\_\_\_

ExamDate: \_\_\_\_\_ ExamScore: \_\_\_\_\_

$$x^3 + 3x^2 - 28x = 0$$

$$x^3 + x^2 - 42x = 0$$

$$x^3 + 4x^2 - 37x - 40 = 0$$

$$x^3 - 5x^2 - 24x = 0$$

$$x^3 + x^2 - 37x + 35 = 0$$

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

$$5x^3 - 69x^2 + 252x - 160 = 0$$

$$x^3 - 5x^2 - 17x + 21 = 0$$

$$x^3 + 15x^2 + 63x + 49 = 0$$

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



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$$x^3 + 3x^2 - 28x = 0$$

$$x = 4, -7, 0$$

$$x^3 + x^2 - 42x = 0$$

$$x = -7, 6, 0$$

$$x^3 + 4x^2 - 37x - 40 = 0$$

$$x = -8, -1, 5$$

$$x^3 - 5x^2 - 24x = 0$$

$$x = -3, 8, 0$$

$$x^3 + x^2 - 37x + 35 = 0$$

$$x = 1, -7, 5$$

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

$$x = -2, 2, 0$$

$$5x^3 - 69x^2 + 252x - 160 = 0$$

$$x = \frac{4}{5}, 8, 5$$

$$x^3 - 5x^2 - 17x + 21 = 0$$

$$x = 1, 7, -3$$

$$x^3 + 15x^2 + 63x + 49 = 0$$

$$x = -7, -1, -7$$

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

$$x = 9, -4, 0$$