



## Løse kubiske ligninger

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

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

$$7x^3 - 90x^2 + 261x - 162 = 0$$

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

$$x^3 - 8x^2 + 20x - 16 = 0$$

$$x^3 - x^2 - 26x - 24 = 0$$

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

$$x^3 - x^2 - 24x - 36 = 0$$

$$3x^3 + 2x^2 - 197x + 252 = 0$$

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

$$9x^3 + 37x^2 - 364x + 288 = 0$$

$$x^3 - 7x^2 - 53x + 315 = 0$$



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$$7x^3 - 90x^2 + 261x - 162 = 0$$
$$x = \frac{6}{7}, 3, 9$$

$$x^3 + 10x^2 + 3x - 54 = 0$$
$$x = -9, -3, 2$$

$$x^3 - 8x^2 + 20x - 16 = 0$$
$$x = 2, 4, 2$$

$$x^3 - x^2 - 26x - 24 = 0$$
$$x = -1, -4, 6$$

$$x^3 + 5x^2 - 2x - 24 = 0$$
$$x = -4, 2, -3$$

$$x^3 - x^2 - 24x - 36 = 0$$
$$x = -2, 6, -3$$

$$3x^3 + 2x^2 - 197x + 252 = 0$$
$$x = \frac{4}{3}, 7, -9$$

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

$$9x^3 + 37x^2 - 364x + 288 = 0$$
$$x = \frac{8}{9}, -9, 4$$

$$x^3 - 7x^2 - 53x + 315 = 0$$
$$x = 9, 5, -7$$