

N1 = 1

2280 00000

1427 000000

N2 = 3

$$\frac{5}{2} \approx 0,25$$

$$0,25 \cdot 100 \approx 25$$

N3 = 1

$$\sqrt{39} \approx 6,2$$

N4

$$2,8 \cdot 10^{-17} - 0,9 \cdot 1 + 2 = -17$$

N5

AGB
312

N6 = 1

$$\frac{2^n}{16} = \frac{2^n}{2^4} =$$

$$N7: \frac{a^2 \cdot b^2}{4 \cdot 16} = \frac{a^2 \cdot b^2}{64} = \frac{1}{4} \cdot \frac{(a-b)(a+b)}{2a}$$

N8 = 2

$$x^2 + 2x - 7$$

$$p = 4 - 4 \cdot 1 \cdot (-7) +$$

$$\sqrt{2 \cdot 4 \cdot 5}$$

$$p = 16 - 4 \cdot 1 \cdot 5 = -$$

N9

$$5 - 12x + 21 = -2 - 7x$$

$$\rightarrow 12x + 7x = -2 - 5 - 21$$

$$-5x = -28$$

$$x = 5,6$$

N10

$$x(x-8) = 105$$

N11

4

N12

B-11

1 = 4

N2 = 8

$\frac{4}{11} = 0,36$

$0,36 \cdot 100 = 36$

N3 = 3

N4

$5 - 2,7 \cdot 1 + 4 \cdot 2 \cdot (-1) = -1,9$

N5

A5B
213

N6

2

N7

$\frac{x^2 - y^2}{3y^2} \cdot \frac{y}{4(x+y)}$

$= \frac{x-y}{3y}$

$\frac{(x-y)(x+y)}{3y} \cdot \frac{1}{4(x+y)}$

N8 = 3

$x^2 - 4x + 13$

$D = 16 - 4 \cdot 1 \cdot 13 =$

N9

$1 - 10 - 5x + 10 = 2 - 10x$

$-5x + 10x = 2 - 10 - 4$

$5x = -12$

$x = -\frac{12}{5}$

$x = -2,4$

N10

$x | x + 11 = 180$

N11

1

N12

NB for 0 (3; + 8)

$x^2 + 3x$

$x^2 - 3x + 20$
 $x(x-3)$

~~$x^2 + 3x$~~

$\frac{18}{5} - \frac{14}{5} = \frac{4}{5}$

$\frac{4}{5} \cdot \frac{5}{10} = \frac{4}{10}$

$\frac{14}{5} = \frac{14}{5}$

$\frac{14}{5} \cdot \frac{5}{10} = \frac{14}{10}$

$\frac{14}{10} + \frac{4}{10} = \frac{18}{10}$

$\frac{18}{10} \cdot \frac{10}{5} = \frac{18}{5}$

M13.

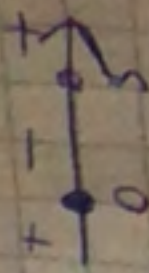
$$x^2 < 9x$$

$$x^2 - 9x < 0$$

$$x(x-9) < 0$$

$$x = 0$$

$$x = 9$$



(0; 9)

M14. $z = 2$

M15

$$q = 2$$

$$-0,2 \cdot 1 < -0,2 \cdot 2$$

M15 = 3

M16

M

M16

M17

$$\frac{x-3}{x+3} + \frac{x+1}{x+3} = \frac{24}{x^2-9}$$

$$(x-3)(x-3) + (x+3)(x+1) - 24 = 0$$

$$x^2 - 3x - 3x + 9 + x^2 + x + 3x + 3 - 24 = 0$$

$$2x^2 - 2x - 12 = 0 \quad | :2$$

$$x^2 - x - 6 = 0$$

$$D = 1 - 4 \cdot 1 \cdot (-6) = 25$$

$$x_1 = \frac{1 + 5}{2} = 3$$

$$x_2 = \frac{1 - 5}{2} = -\frac{4}{2} = -2$$

M20

year	kar.	unowm.
90	X	3,9
next	1,3x	$\frac{3,9}{1,3} = 3$
		3,9x

(3)

$$x^2 - 9 \neq 0$$

$$x^2 \neq 9$$

$$x^2 \neq \pm 3$$