$(x(t))'$

$y(x;y) = x^2+z^2$

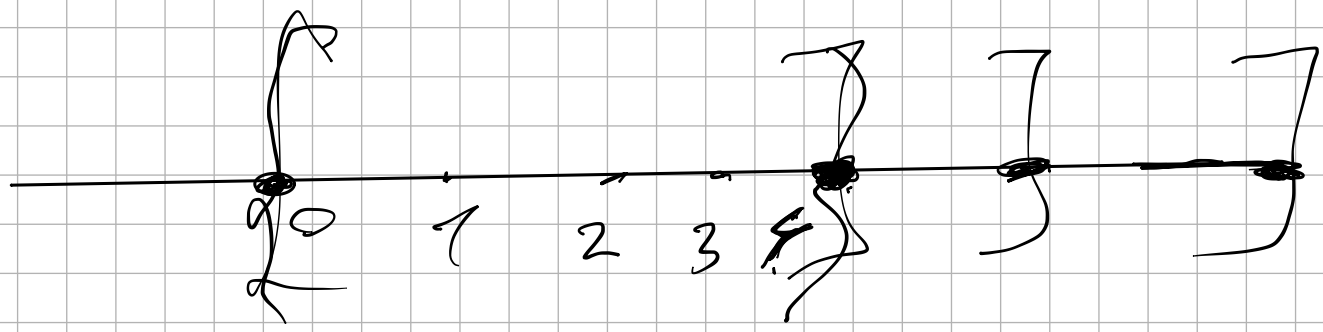
$\frac{dy}{dx} = 2x+0.$

$\frac{dy}{dz} = 0+2y.$

$\forall$

$\exists$

$\{zmo \mid max\ zmo\}$

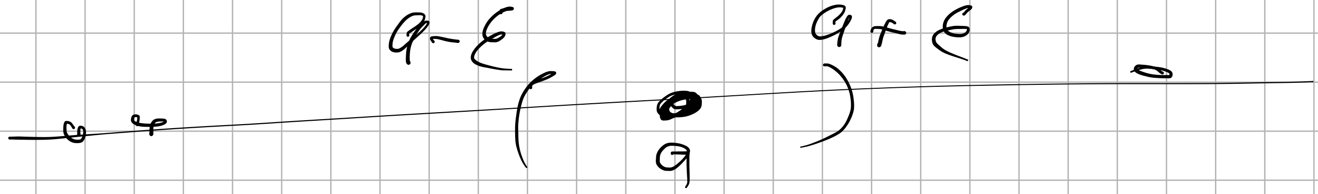


$a_1 \quad a_2 \quad a_3 \quad \in (1, 2, 3, 4)$

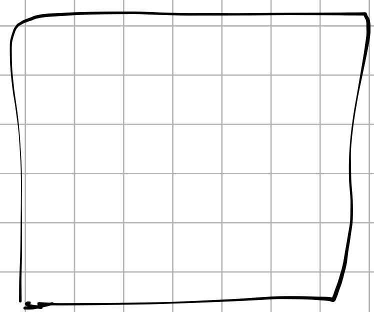
$(a_1, 1)(a_1, 2)(a_1, 3)(a_1, 4)$

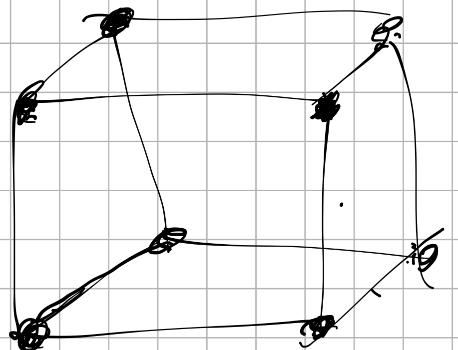
$f(x) =$

$x = 1 \qquad x = 1$



$n \geq N$





I^n Кол-во вершин 2^n

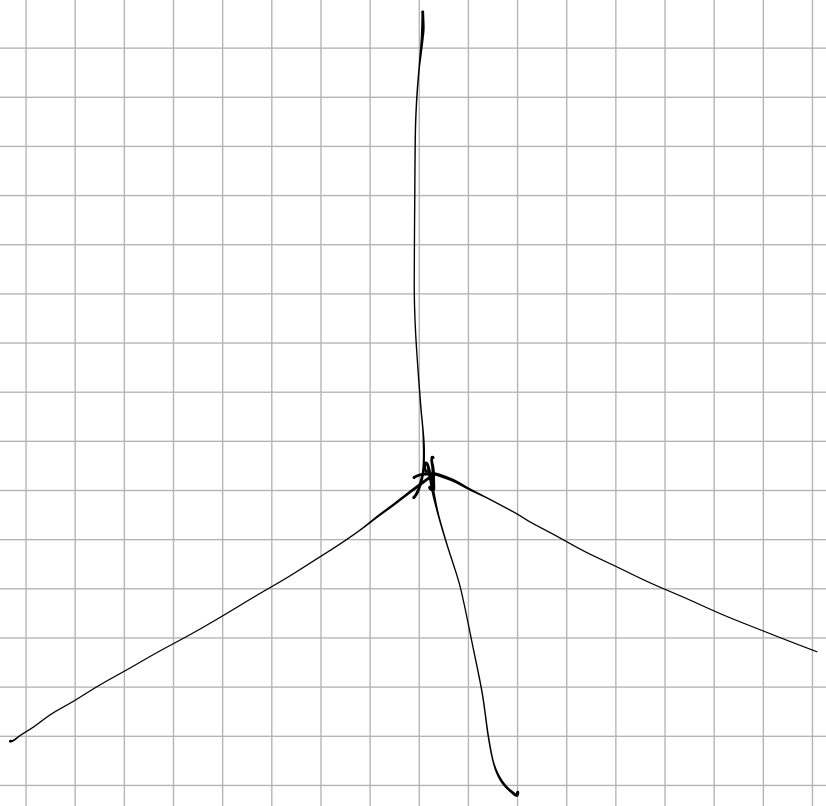
$8 \cdot 3 = 24$ $\quad \dfrac{2^n \cdot n}{2}$

кол-во ребер.

$2^{n-1} \cdot n$

$2^n \cdot n$

$2^{n-2} \cdot n$.



$(x-1)(x-2)(x-5)$

$(x^2-2x-x+2)(x-5)$

$(x^2-3x+2)(x-5)$

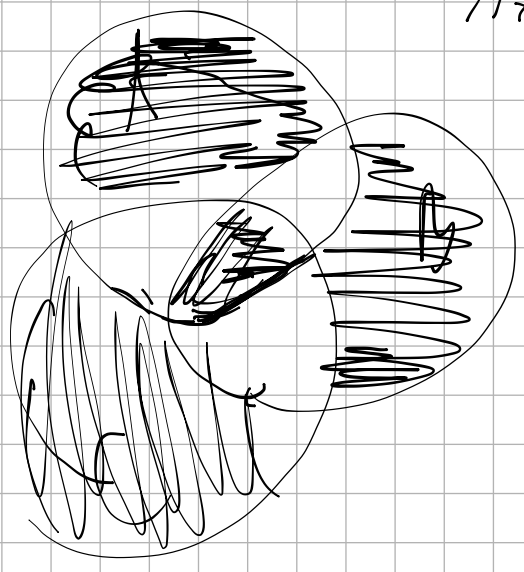
$x^3-5x^2-3x^2+15x+2x-10$

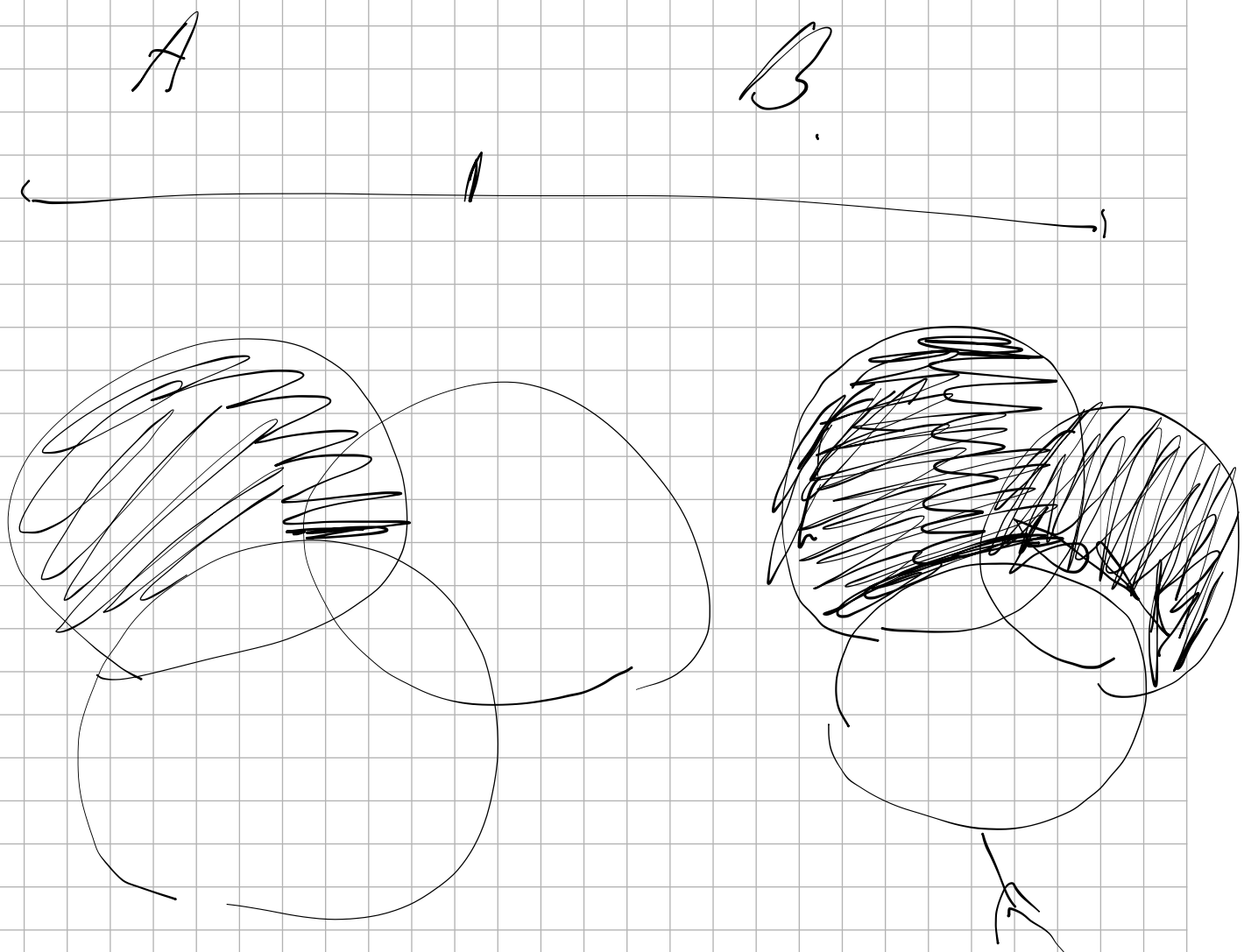
$x^3-8x^2+17x-10$

$\left\{\frac{3}{4}, \frac{9}{9}, \frac{5}{16}, \frac{6}{25}, \frac{7}{36}\right\}$

$\left\{\frac{x+1}{x^2} \;\middle|\; x \in \mathbb{N}, x \geq 2\right\}$

A1





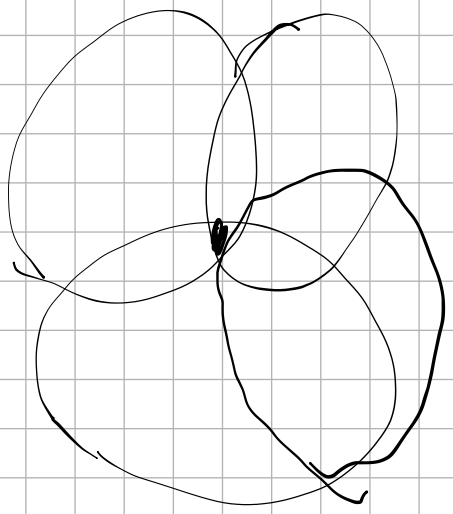
Пусть

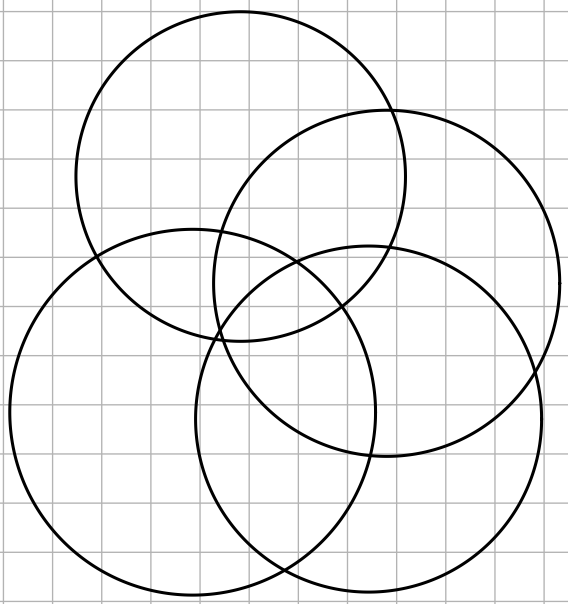
$x \in A \setminus C \Rightarrow x \in A, x \notin C$

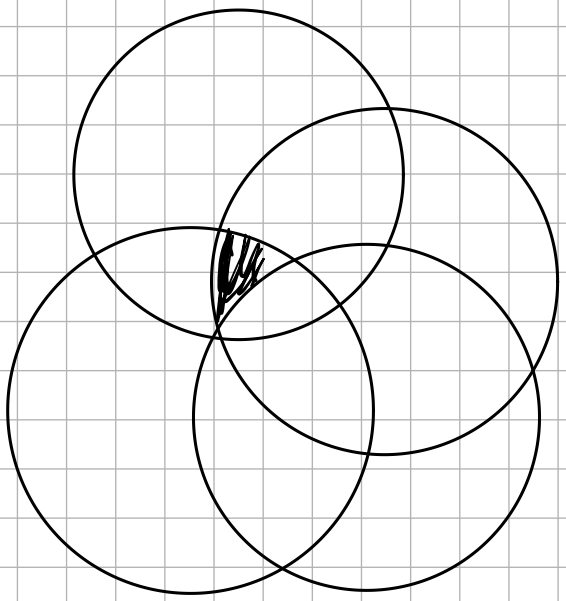
1) Пусть $x \in B \Rightarrow x \in B \setminus C \Rightarrow x \in$

$x \notin B \Rightarrow x \in A \setminus B$

$(A \cup B) \setminus ((A \cap C) \cup (B \setminus C))$







$$(A \cap B \cap C) \setminus (P) \cup (P) \setminus (A \cap B \cap C)$$

$$P \setminus (A \cap B \cap C)$$

$$P \cap (A \cap B \cap C)$$

№ 56 (б)

$$(A \times B) \cap (B \times A) = (A \cap B) \times (A \cap B)$$

$$(A \times B) \cap (B \times A) = \{(x,y) \mid x \in A, y \in B, x \in B, y \in A\}$$

$$\Rightarrow \{(x,y) \mid x \in A \cap B, y \in A \cap B\} \Rightarrow$$

$$\Rightarrow A \cap B \times A \cap B$$