1. $C(n, r) = n!/\big(r!\,(n-r)!\big)$

2. $\vec{x} \cdot \vec{y} = \langle \vec{x}, \vec{y} \rangle$, právě když $\vec{x} \not\perp \vec{y}$

3. $(\forall x \in \mathbb{R})(\exists y \in \mathbb{R})\, y > x$

4. $\frac{a+b}{c}$, $\frac{a}{b+c}$, $\frac{1}{a+b+c} \neq \frac{1}{a} + \frac{1}{b} + \frac{1}{c}$

5. $\nabla^2 f(x,y) = \frac{\partial^2 f}{\partial x^2} + \frac{\partial^2 f}{\partial y^2}$

6. $\lim_{x \to 0}(1 + x^2)^{\frac{1}{x}} = \mathrm{e}$

7. $\int_0^1 3x^2\,\mathrm{d}x = 1$, $\displaystyle\int \frac{x + \sqrt{x}}{\sqrt[4]{x^2(1+\operatorname{tg} x)}}\,\mathrm{d}x$

8. $\sqrt{2}$, $\sqrt{\frac{x+y}{x-y}}$, $\sqrt[3]{10}$, $\mathrm{e}^{\sqrt{x}}$

9. $\|x\| = \sqrt{x \cdot x}$

10. $\underline{x} \quad \overline{y} \quad \overline{x+y}$

11. $\lim_{\alpha \to 0} \frac{\operatorname{tg} \alpha}{\alpha} = 1$

12.
$$\left\{ x \;\middle|\; \int_0^x t^2\,\mathrm{d}t \leq 5 \right\}$$

Volitelné úkoly:

1. $\boldsymbol{a \equiv c \pmod{\theta}}$

2.
$$F(x)\big|_a^b = F(b) - F(a)$$

3.
$$\underbrace{\overbrace{a + \cdots + a}^{(m-n)/2} + \underbrace{b + \cdots + b}_{n} + \overbrace{a + \cdots + a}^{(m-n)/2}}_{m}$$