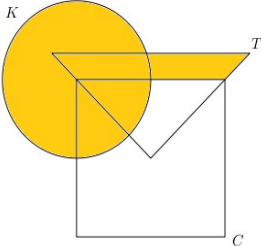
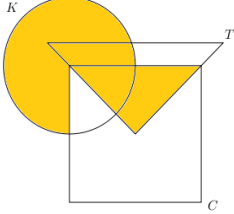
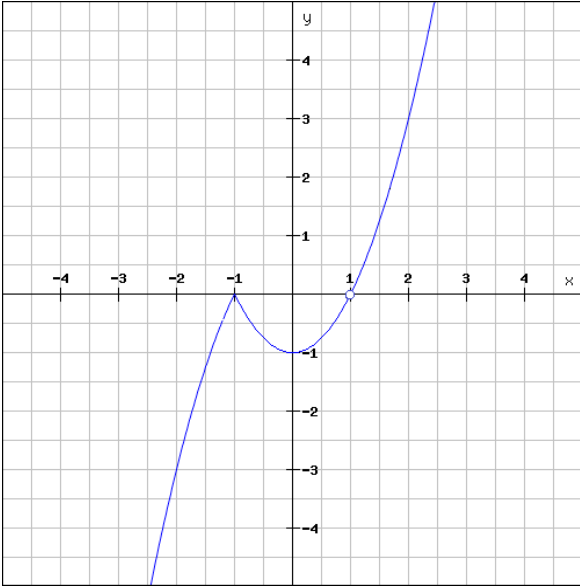
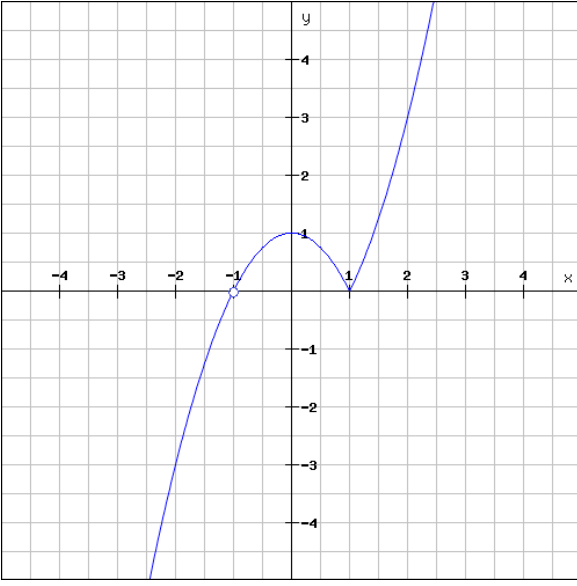


Výsledky SZK 2018

| | T10-A | T10-B |
|-----|---|--|
| 1a) | $\frac{27}{4}$ | $\frac{11}{4}$ |
| 1b) | $D_f = (-\infty; 0) \cup \langle 1; 4 \rangle$ | $D_f = (-\infty; 0) \cup \langle 2; 3 \rangle$ |
| 2a) |  |  |
| 2b) | Číslo x je celé, ale není reálné. | Číslo je dělitelné čtyřmi, ale není dělitelné dvěma. |
| 3) | $x \in \{-3; 4\}$ | $x \in \{-1; 1\}$ |
| 4) | $[x; y] \in [[-1; 2]; [2; -1]]$ | $[x; y] \in [[-2; 3]; [3; -2]]$ |
| 5) | $x \in \{-14; -1\}$ | $x \in \{-17; -1\}$ |
| 6) | $x \in (-\infty; -1) \cup (7; \infty)$ | $x \in (3; 7)$ |
| 7) | 16 lidí | 14 lidí |
| 8) | $4\frac{2}{3}$ km | 8 km |
| 9) | $\frac{P_{kr}}{P_{ko}} = \sqrt[3]{\frac{6}{\pi}}$ | $\frac{V_{kr}}{V_{ko}} = \sqrt{\frac{\pi}{6}}$ |
| 10) |  |  |