3. Set puzzle

Use lines to connect those sets which have **exactly the same** elements. The line intersections indicate the coordinates of the next checkpoint.

$$\mathbb{N} \setminus \{0\} \qquad \{n \in \mathbb{N} \mid n < 4\}$$

$$\mathbb{N} \setminus \mathbb{Z} \quad \qquad \qquad \qquad \qquad \qquad \mathbb{Z}$$

$$x \stackrel{\times}{=} 8 \qquad \qquad \qquad \qquad \qquad \times$$

$$x = 8 \qquad \qquad \qquad \qquad \times$$

$$x = 3.5$$

$$\{n \in \mathbb{N} \mid n \le 4\} \qquad \qquad \qquad \qquad \qquad \times$$

$$y = 0.5 \qquad \qquad \qquad \qquad \qquad \times$$

$$y = 0.5 \qquad \qquad \qquad \qquad \qquad \times$$

$$y = 0.5 \qquad \qquad \times$$

Hints

· Look up "set-builder notation" using a search engine