

## Mengenlehre

## Übungsblatt 1

- |  |                               |              |                  |
|--|-------------------------------|--------------|------------------|
| 1. $A = \{8, 3, 9, 17\}$   | 8 <input type="checkbox"/>    | $A$          | $ A  =$          |
| 2. $B = \{4, 7\}$  | 3 <input type="checkbox"/>    | $B$          | $ B  =$          |
| 3. $C = \{0, 1, 2\}$   | 0 <input type="checkbox"/>    | $C$          | $ C  =$          |
| 4. $D = \{a, c, m, f\}$  | 1 <input type="checkbox"/>    | $D$          | $ D  =$          |
| 5. $E = \{ \}$   | 0 <input type="checkbox"/>    | $\in E$      | $ E  =$          |
| 6. $F = \{2, 4, 6, 8, \dots\}$   | 17 <input type="checkbox"/>   | $F$          | $ F  =$          |
| 7. $G = \{9\}$   | 9 <input type="checkbox"/>    | $G$          | $ G  =$          |
| 8. $H = \{-4, -3, -10, 5\}$  | 4 <input type="checkbox"/>    | $H$          | $ H  =$          |
| 9. $I = \{u, v, w, x, y, z\}$  | $x$ <input type="checkbox"/>  | $I$          | $ I  =$          |
| 10. $J = \{5, 6, 7, \dots, 12, 13\}$                                     | 9 <input type="checkbox"/>    | $J$          | $ J  =$          |
| 11. $K = \{14, -7, 21\}$   | -7 <input type="checkbox"/>   | $K$          | $ K  =$          |
| 12. $L = \{111\}$  | 1 <input type="checkbox"/>    | $L$          | $ L  =$          |
| 13. $M = \{\text{Pia}, \text{Alex}, \text{Liz}\}$                        | Tim <input type="checkbox"/>  | $M$          | $ M  =$          |
| 14. $\mathbb{N} = \{1, 2, 3, 4, \dots\}$                                 | 379 <input type="checkbox"/>  | $\mathbb{N}$ | $ \mathbb{N}  =$ |
| 15. $O = \{3, 6, 9, \dots, 21\}$   | 16 <input type="checkbox"/>   | $O$          | $ O  =$          |
| 16. $P = \{0\}$  | 0 <input type="checkbox"/>    | $P$          | $ P  =$          |
| 17. $Q = \{-5, -10, -15, \dots\}$  | -305 <input type="checkbox"/> | $Q$          | $ Q  =$          |
| 18. $R = \{\frac{1}{2}, \frac{3}{2}, \frac{5}{2}, \dots, \frac{19}{2}\}$ | 4.5 <input type="checkbox"/>  | $R$          | $ R  =$          |