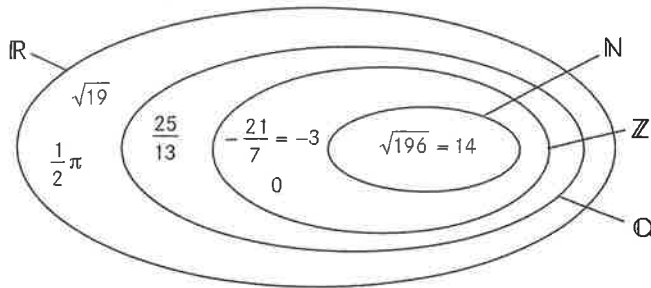


## Kontrollaufgaben

**N141**



Aufgepasst:

$$-\frac{21}{7} = -3$$

$$\sqrt{196} = 14$$

**N142**

- a) 3      b) 3      c)  $24\sqrt{3}$       d) -3

**N143**

- a) 5      b) existiert nicht      c) 12      d)  $\frac{3}{4}$

**N144**

- a)  $10^2 = 100$       b)  $100^3 = 1\,000\,000$       c) 0.3      d) 0.05

**N145**

- a) ab      b)  $\frac{3xy^2}{z}$       c) 2      d) u - 1

**N146**

- a)  $\frac{10t}{su^2}$       b)  $1.2 \cdot 10^{32} \cdot w^8$   
 c)  $x^{-1} = \frac{1}{x}$       d)  $a^2$

**N147**

$$w_1 = 2.75$$

$$w_2 = 2.6477272727272727\dots$$

$$w_3 = 2.64575204838080\dots$$

**N148**

- a)  $L = \{-9, 9\}$       b)  $L = \{-11, 11\}$   
 c)  $L = \{-3.545, 3.545\}$

**N149**

- a)  $L = \{-6\,103\,160, 6\,103\,160\}$   
 b)  $L = \{-10.909, 10.909\}$   
 c)  $L = \left\{ -\frac{\sqrt{3}}{2}s, \frac{\sqrt{3}}{2}s \right\}$

**N150**

$$s = \sqrt{\frac{4F}{\sqrt{3}}}$$