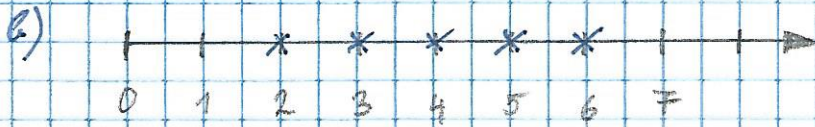


# Mathem. Lösungen 1. Teil 23.3.20



654 a)  $18 < x < 24 \quad L = \{19, 20, 21, 22, 23\}$

c)  $58 \leq x \leq 60 \quad L = \{58, 59, 60\}$  d)  $48 < x < 49 \quad L = \{\}$

655 a)  $A = a \cdot b$

$1768 = 34 \cdot b \quad | :34$

$1768 : 34 = b$

$52 \text{ mm} = b$

$u = 172 \text{ mm}$

d)  $A = a \cdot b$

$38,8 = a \cdot 4 \quad | :4$

$9,7 \text{ dm} = a$

b)  $u = 2a + 2b$

$15,8 = 2a + 2 \cdot 3,7$

$15,8 = 2a + 7,4 \quad | -7,4$

$8,4 = 2a \quad | :2$

$4,2 \text{ cm} = a$

$A = 15,54$

c)  $u = 2a + 2b$

$123 = 2 \cdot 33 + 2b$

$123 = 66 + 2b \quad | -66$

$57 = 2b \quad | :2$

$28,5 \text{ m} = b$

$A = 940,5 \text{ m}^2$

657 d

659 a)  $209 = 223 - x \quad | +x$

$209 + x = 223 \quad | -209$

$x = 14$

c)  $x = 1,58$

b)  $\frac{3}{4} - x = \frac{1}{8} \quad | +x$

$\frac{3}{4} = \frac{1}{8} + x \quad | -\frac{1}{8}$

$\frac{3}{4} - \frac{1}{8} = x$

$\frac{6}{8} - \frac{1}{8} = x$

$\frac{5}{8} = x$