2. Bez Trapeze Lösungen AB 4

1 Berechne die Fläche des Trapezes:

a) $A = \frac{(a+c)}{2} \cdot h = \underline{\underline{24\text{cm}^2}}$

b) $A = \frac{(a+c)}{2} \cdot h = \underline{\underline{36{,}54\text{cm}^2}}$

c) $A = m \cdot h = \underline{\underline{55{,}1\text{cm}^2}}$

d) $A = \frac{(a+c)}{2} \cdot h = \frac{(3c+c)}{2} \cdot 2c = \frac{(4c)}{2} \cdot 2c = 2c \cdot 2c = \underline{\underline{4\text{c}^2}}$

e) $A = \frac{(a+c)}{2} \cdot h = \frac{(0{,}5c+c)}{2} \cdot 0{,}5c = \frac{(1{,}5c)}{2} \cdot 0{,}5c = 0{,}75c \cdot 0{,}5c = \underline{\underline{0{,}375\text{c}^2 = \frac{3}{8}\text{c}^2}}$

2 Berechne die Trapezhöhe:

a) $h = \frac{A}{m} = \underline{\underline{8{,}3\text{cm}}}$

b) $h = \frac{2A}{(a+c)} = \underline{\underline{4\text{cm}}}$

c) $h = \frac{2A}{(a+c)} = \underline{\underline{25{,}2\text{cm}}}$