

Teil A:

1)

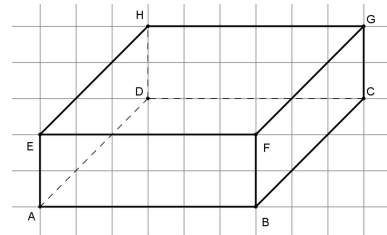
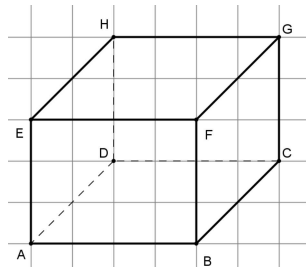
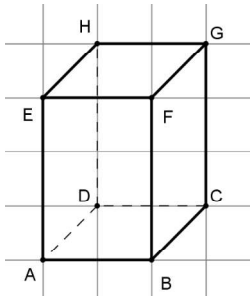
Katheten	x, y	m, l	p, q
Hypotenuse	z	k	r

2) a) $A = (x \cdot t) : 2$ b) $A = (a \cdot y) : 2$ c) $A = (x \cdot y) : 2$ d) $A = (m \cdot n) : 2$

3)

	a)	b)	c)	d)
Kathete 1	3 cm	5 cm	6 m	10 mm
Kathete 2	4 cm	12 cm	8 m	10 mm
Hypotenuse	5 cm	13 cm	10 m	14 mm
Flächeninhalt	6 cm ²	30 cm ²	24 m ²	50 mm ²
Umfang	12 cm	30 cm	24 m	34 mm

4) 8; 12; 6



5) a) b) c)

6) Zündholzschachtel, Zuckerstück

7) a) BC, EH, FG b) BF, CG, DH

8) a) EFGH b) ADHE

Teil B:

9) a) $A = 60,965 a$ b) 386,5 m

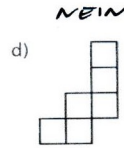
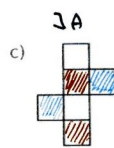
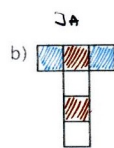
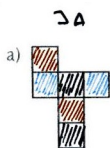
10) Nein, es sind 2,34 m² zu viel.

11) 304 Stauden

12) a) $A = (x \cdot y) : 2 + y \cdot y$ b) 424 m²

13) 84cm 14) 48cm

15) Grafik 3 dm \cong 3 cm, 2,5dm \cong 2,5cm, 2dm \cong 2cm



16)

Teil C:

17) 6,75 m²

18) 22,32 €

19) Bei jedem 30. Fahrrad.