

$$1. a) 400 \cdot l^2 = 36$$

$$l^2 = 36/400$$

$$l = \sqrt{36/400} = 3/10 = 0,3$$

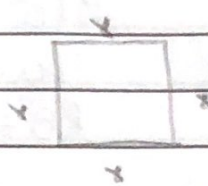
$$b) 0,3 \cdot 4 = 1,2 \text{ m}$$

$$l^2 = 0,3^2 = 0,09 \text{ m}^2$$

$$2. A_2 = 2A$$

$$y^2 = 2x^2$$

$$y = x\sqrt{2}$$



$$\text{area} = x^2$$

$$\text{area} = y^2$$

$$3. \frac{10 \cdot h}{2} = 15$$

$$2$$

$$10h = 30$$

$$h = 30/10 = 3 \text{ m}$$

$$4. 1(a+3)$$

$$1 \cdot 1$$

$$1 \cdot a$$

$$a+3+1+a=16$$

$$(a+4) \cdot (a+1) = 10 \cdot 7 = 70 \text{ m}^2$$

$$2a+4=16$$

$$a=6$$

$$5. \frac{5}{2} = 2 \cdot \sqrt{3} = \sqrt{3}$$

$$2$$

$$2^2 = 1^2 + h^2$$

$$4 = 1 + h^2$$

$$h^2 = 3$$

$$h = \sqrt{3} \text{ m}$$

$$6. ① A = 2,5 \cdot 6 = 15 \text{ m}^2$$

$$② 6 - 1,2 = 4,8$$

$$3,6 - 2,5 = 1$$

$$A = 4,8 \cdot 1 = 4,8 \text{ m}^2$$

$$③ 4,8 + 0,8 = 5,6$$

$$A = 5,6 \cdot 4 = 22,4 \text{ m}^2$$

$$7. \text{ daſe} - b \cdot h = x \cdot h \quad abcd - 36m^2 = \frac{8 \cdot h \cdot h}{2}$$

$$\heartsuit \quad \frac{(x+2x) \cdot h}{2} = 36$$

$$(x+2x) \cdot h = 72$$

$$3x \cdot h = 72$$

$$x \cdot h = \frac{72}{3} = 24m^2$$

$$8. (d) \text{ arrange simplified } \frac{2}{4} = \frac{1}{2} //$$

$$9. 48 - \left(\frac{6 \cdot 6}{2} + \frac{8 \cdot 2}{2} \right)$$

$$48 - (18 + 8)$$

$$48 - 26 = 22 //$$

$$10. 2AD^2 = 64$$

$$AD^2 = 32$$

$$AD = \sqrt{32} = \sqrt{16 \cdot 2} = 4\sqrt{2}$$

$$11. \frac{S_{\text{inner}}}{S_{\text{abc}}} = \frac{36}{4} = 9m^2 //$$

$$S_{\text{outer}} = S_{\text{abc}} - S_{\text{inner}} = 96 - 24 = 72m^2 //$$