

1. $A = a \cdot h_a \Rightarrow A = 421.85 \text{ dm}^2$
 $b = \frac{A}{h_b} \Rightarrow b = 30.132 \text{ dm}$
 $u = 2a + 2b \Rightarrow u = 119.26 \text{ dm}$
2. $c = \frac{2 \cdot A}{h_c} \Rightarrow c = 25.0 \text{ dm}$
3. $b = \frac{A}{a} \Rightarrow b = 40.0 \text{ km}$
 $u = 2a + 2b \Rightarrow u = 278.4 \text{ km}$
4. $m = \frac{a + c}{2} \Rightarrow m = 50.95 \text{ dm}$
 $h = \frac{A}{m} \Rightarrow h = 26.9 \text{ dm}$
5. $e = \frac{2 \cdot A}{f} \Rightarrow e = 7.1 \text{ mm}$
6. $a = \frac{A}{h_a} \Rightarrow a = 50 \text{ mm}$
7. $h_a = \frac{2 \cdot A}{a} \Rightarrow h_a = 10.6 \text{ dm}$
8. $A = \frac{e \cdot f}{2} \Rightarrow A = 166.14 \text{ cm}^2$
9. $a = \frac{2 \cdot A}{b} \Rightarrow a = 27.5 \text{ dm}$
10. $a = \frac{A}{h_a} \Rightarrow a = 14.6 \text{ km}$
 $b = \frac{A}{h_b} \Rightarrow b = 15.349 \text{ km}$
 $u = 2a + 2b \Rightarrow u = 59.897 \text{ km}$
11. $A = a \cdot b \Rightarrow A = 344.4 \text{ cm}^2$
12. $A = a \cdot h_a \Rightarrow A = 5032 \text{ km}^2$
13. $A = \frac{b \cdot h_b}{2} \Rightarrow A = 184.27 \text{ km}^2$
14. $A = a^2 \Rightarrow A = 9960.0 \text{ mm}^2$
15. $A = \frac{\sqrt{3}}{4} \cdot a^2 \Rightarrow A = 110.85 \text{ km}^2$
16. $a = \frac{u - 2b}{2} \Rightarrow a = 66 \text{ dm}$
 $A = a \cdot b \Rightarrow A = 5214 \text{ dm}^2$

$$17. m = \frac{a+c}{2} \Rightarrow m = 39.5 \text{ mm}$$

$$A = m \cdot h \Rightarrow A = 1248.2 \text{ mm}^2$$

$$18. b = \frac{A}{h_b} \Rightarrow b = 17.004 \text{ km}$$

$$a = \frac{u-2b}{2} \Rightarrow a = 17.1 \text{ km}$$

$$h_a = \frac{A}{a} \Rightarrow h_a = 17.7 \text{ km}$$

$$19. s = \frac{a+b+c}{2} \Rightarrow s = 35.85 \text{ mm}$$

$$A = \sqrt{s(s-a)(s-b)(s-c)} \Rightarrow A = 224.73 \text{ mm}^2$$

$$20. a = \frac{A}{b} \Rightarrow a = 46.1 \text{ m}$$

$$21. a = \frac{u}{4} \Rightarrow a = 38.9 \text{ cm}$$

$$A = a^2 \Rightarrow A = 1513.2 \text{ cm}^2$$

$$22. h_b = \frac{A}{b} \Rightarrow h_b = 85 \text{ km}$$

$$23. a = \sqrt{A} \Rightarrow a = 11.3 \text{ mm}$$

$$24. A = \frac{a \cdot b}{2} \Rightarrow A = 122.06 \text{ m}^2$$

$$25. a = \sqrt{A} \Rightarrow a = 77.3 \text{ dm}$$

$$u = 4a \Rightarrow u = 309.2 \text{ dm}$$