

59/1 TROJÚHELNÍK ABC:

a)  $a = 8,4 \text{ dm}$   
 $r = 6 \text{ dm}$   
 $S = ? (\text{dm}^2)$

$$S = \frac{a \cdot r_a}{2} = \frac{1}{2} \cdot a \cdot r_a$$

$$S = \frac{8,4 \cdot \cancel{6}^3}{\cancel{2}_1}$$

$$S = 25,2 \text{ dm}^2$$

b)  $b = 10,2 \text{ m}$

$r_b = 8,1 \text{ m}$

$S = ? (\text{m}^2)$

$$S = \frac{b \cdot r_b}{2} = \frac{1}{2} \cdot b \cdot r_b$$

$$S = \frac{\cancel{5} \cancel{1} \cancel{1} \cancel{1} \cancel{0} \cancel{2} \cdot 8,1}{\cancel{2}_1}$$

$$S = 41,31 \text{ m}^2$$

c)  $c = 120 \text{ km}$

$r_c = 80,5 \text{ km}$

$S = ? (\text{km}^2)$

$$S = \frac{c \cdot r_c}{2} = \frac{1}{2} \cdot c \cdot r_c$$

$$S = \frac{\cancel{6} \cancel{0} \cancel{1} \cancel{2} \cancel{0} \cdot 80,5}{\cancel{2}_1}$$

$$S = 4830 \text{ km}^2$$