

РОЗВ'ЯЗКИ ЗАВДАНЬ ЕКСПЕРИМЕНТАЛЬНИЙ ТУР

8 клас

Завдання 1.

$$V_2 = NS_2 L \quad \varnothing$$

$$\frac{S_1}{S_2} = \frac{NL}{h}$$

$$L = 3,4 \text{ м}$$

$$N = 10, h = 3 \text{ м}$$

$$\frac{S_1}{S_2} = \frac{10^2 \cdot 120}{12} = 100$$

Завдання 2.

$$R = \frac{l}{S}$$

$$l = Nl_0 = ND$$

$$D = N \frac{L}{d}$$

$$S = \frac{d^2}{4}$$

$$R = \frac{LD}{d^3}$$

$$R = \frac{LD}{d^3} = \frac{0,05 \cdot 0,2}{0,87^3 \cdot 10^{-9}} = 3174$$

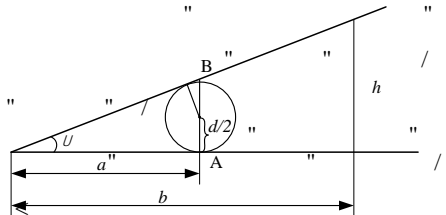
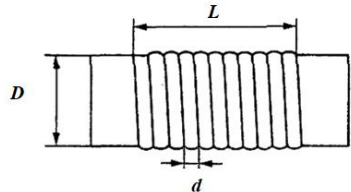
$$AB = \frac{a}{b} h$$

$$d = \frac{a}{b} h$$

$$0,87 \text{ м}$$

$$R = \frac{LD}{d^3} = \frac{0,05 \cdot 0,2}{0,87^3 \cdot 10^{-9}} = 3174$$

$$a, b, h$$



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