

$$3) r_1 = 8 \text{ см.}$$

$$r_2 = 20 \text{ см.}$$

$$q_1 = 14 \text{ нКл.}$$

$$q_2 = -7 \text{ нКл.}$$

$$q = ?$$

$$q = \frac{r_1 + r_2}{q_1 + q_2} = \frac{8 + 20}{14 + (-7)} = \frac{28}{7} = 4.$$

$$\text{м. ч нКл.}$$

$$1) \alpha = 30^\circ$$

$$v_1 = 24 \text{ м/с.}$$

$$\beta = 60^\circ$$

$$v_2 = 32 \text{ м/с.}$$

$$t = 1,5 \text{ с.}$$

$$s = ?$$

$$x_1 = v \cos \alpha t.$$

$$y_1 = v_1 \sin \alpha t = \frac{2t}{2}$$

$$x_2 = v \cos \beta t.$$

$$y_2 = v \sin \beta t = \frac{2t}{2}$$

$$s = \sqrt{(x_1 + x_2)^2 + (y_1 + y_2)^2} = s = 4, s = \sqrt{24^2 + 32^2} = 60.$$

$$\text{м. } 60 \text{ м.}$$

1) Дано:

$$v_1 = 24 \text{ м/с}$$

$$v_2 = 32 \text{ м/с}$$

$$t = 1.5 \text{ с}$$

3) Дано:

Решение:

$$R_1 = 8 \text{ см}$$

$$n \cdot r = 12$$

$$R_2 = 20 \text{ см}$$

$$20 \cdot 2 = 40$$

$$q_1 = 14 \text{ ккН}$$

$$q_2 = 7 \text{ ккН}$$

а) Дано:

Решение

$$R_0 = 20 \text{ см}$$

$$20 \cdot 2 = 40$$