

1

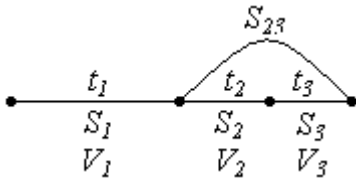
60 / ,

15 / ,

45

/ .

?



$$S_1 = \frac{S}{2}, t_2 = t_3 = \frac{t_{23}}{2}, S_{23} = S_1 = \frac{S}{2}$$

$$V_{23} = \frac{S_2 + S_3}{t_{23}} = \frac{V_2 t_2 + V_3 t_3}{t_{23}} = \frac{V_2 + V_3}{2};$$

$$V_{23} = 30 /$$

$$V = \frac{S_1 + S_{23}}{t_1 + t_{23}} = \frac{S}{\frac{S_1}{V_1} + \frac{S_{23}}{V_{23}}} = \frac{S}{2 \left(\frac{1}{V_1} + \frac{1}{V_{23}} \right)} = \frac{2V_1 V_{23}}{V_1 + V_{23}};$$

$$V = 40 /$$

2

1

0° .

400

-30° .

?

?.

2100 / ° ,

330 / .

0

$$Q = c m (0 - (-30^\circ)) = 2100 \cdot 0,4 \cdot 30 = 25200$$

$$Q = \} m = 330000$$

.. Q > Q ,

$$m = \frac{Q}{\} } = \frac{25200}{330000} = 0,076 .$$

$$m' = m + m = 476$$

3

700 ,

?

700 / 3 ,

1000 / 3 .

).

$$V = \frac{m}{\dots}$$

$$V = \frac{700}{7 \sqrt[3]{\dots}} = 100 \sqrt[3]{\dots}$$

$$m = V \dots = 100 \sqrt[3]{\dots} \cdot 1 \sqrt[3]{\dots} = 100$$

4

8

8

80%?

$$y = \frac{A}{A} \cdot 100\%$$

$$A = mgh$$

$$A = Fl$$

$$l = 2h$$

2

2

$$y = \frac{mgh}{F \cdot 2h} \cdot 100\% = \frac{mg}{2F} \cdot 100\%$$

$$F = \frac{mg \cdot 100\%}{2y} = 50H$$