## 2022年6月11日 星期六 23:26

(2) 
$$V = 4/8 = 0.5 \text{ m/s}$$
  
(3)  $5 = x_0 + v_0 + \frac{1}{2} a t^2$ 

 $(1) \Delta x = 7 - 3 = 4 m$ 

(3) 
$$5 = x_0 + v_0 t + \frac{1}{2}at$$
  
=  $3 + 0.5t$   
 $2 = 0.5t$ 

$$= 3 + 0.5t$$

$$2 = 0.5t$$

$$t = 4s$$

$$= 0.50 \text{ m/s}$$

$$= 0.50 \text{ m/s}$$

2 (1)  $V = \Delta x/\Delta t$ 

$$0.50 - \frac{1}{(3)} x = 0.50. |5+0|$$

$$= 7.5 m(s)$$

(3) 
$$x = x_0 + V_0 t + \frac{1}{2} \alpha t^2$$
  
= 2 + 0.50·15 +0 = 9.5 m/s

$$3 \quad V = 28 / 8.0 = 3.5 \text{ m/s}$$

$$V = V_p + V_w$$

$$3.5 = 6.0 + V_w$$

$$|V_{W}| = 2.5 \text{ m/s}$$

4

$$V_{S}$$
 5.0m/s
 $V_{T}$  3.0m/s
 $V_{T}$  3.0m/s
 $V_{T}$  3.0m/s
 $V_{T}$  3.0m/s
 $V_{T}$  40N/s
 $V_{T}$  3.0m/s
 $V_{T}$  40N/s
 $V_{T}$  40N/s

川上の食む

V = DR/St

(=) 
$$\Delta t = \Delta x / V$$
  
=  $(00 \text{ m} / 4.0 \text{ m/s})$   
=  $25 \text{ s}$   
 $V_{AB} = V_B - V_A = 80 - 60 = 20 \text{ km/h} (E)$ 

 $V_{BA} = V_{A} - V_{B} = 60 - 80 = -20 \text{ km/h}$ 

= 20 km(h) (W)

 $|V_{BA}| = |5\sqrt{2}| = 21 \cdot 2 \cdot \cdot \cdot = (21) \cdot \ln(5)$ 

C

3

(2) R = DU / Dt

 $1.5 \sim 2.0$ :  $\overline{U} = (3.9 - 3.0) / (0.5)$ 

 $2.0 \sim 2.5 : \overline{V} = (46 - 3.9) / (0.5)$ 

= 0.9/0.5 = 1.8 m/s

$$1.0$$

$$1.5 \quad 2.0 \quad 2.5 \quad 30 \quad +$$

$$1.0 \quad = (1.0 - (.8) / (1.0))$$

$$= -0.80 \text{ m/s}$$

$$\begin{array}{rcl}
\overline{a} & = & -0.80 \, \text{m/s} \, / \, (.05) \\
& = & -0.80 \, \text{m/s}^2 \\
& = & 0.80 \, \text{m/s}^2 \, / \, )
\end{array}$$
(3)  $V = V_0 + at$ 

 $= 2.0 - 0.80 \cdot (2.0 - (.5))$ 

$$0 = (0 - 20)_{m/s} / \Delta t_s = -20 / \Delta t$$

$$100 = 20 \Delta t + \frac{1}{2} \alpha \Delta t^2$$

$$= 20 \Delta t + \frac{1}{2} \left( -\frac{20}{\Delta t} \right) \Delta t^2$$

= 101t

9 (1) V= Vo + at

-8.0 = 2.0 + 0.40

= (.6 ml/s)

$$= 2.0 \text{ m/s}^{2} \text{ (1)} \quad (\text{\text{A}} \text{R} \text{E} \text{E} \text{E} \text{E})$$

$$(2) \quad \chi = 20.5.0 + \frac{1}{2} (-2.0).5.0^{2}$$

$$= (00 - 25) = (75)$$

$$4.0 \, \Omega = -10$$

$$\Omega = -2.5 \, \text{m/s}^2 = 2.5 \, \text{m/s}^2 \, (L)$$

$$(2) \, 0 = 2.0 - 2.5 + C$$

$$t = 20/25 = 4/5 = 0.80$$

 $2(=2.0.6.80+\frac{1}{2}.(-2.5).0.80^{2}$ 

$$= -(2m)$$

$$= \partial_{1} d_{2} d_{3} d_{5} d_{5$$

$$5t^{2} - 4t - 9 = 0$$

$$t = \frac{4 \pm \sqrt{16 + 180}}{10}$$

$$t(t > 0) = 1.8s$$

$$V = V_{0} + at$$

$$= 2.0 - 2.5 \cdot 1.8$$

$$= -2.5$$

$$|V| = 2.5 \text{ m}$$

 $b \sim 12$ :  $a = (-3 - 6)/b = -1.5 \text{ m/s}^2$ 

3
$$0 -1.5$$

$$2 \quad 4 \quad 6 \quad 8 \quad 10 \quad 7 \quad 14$$

$$(2) \quad 3C = \frac{1}{2} \cdot 2 \cdot 6 + 4 \cdot 6 = 30 \text{ m}$$

$$(3) \quad t = (6s)$$

$$3C = \frac{1}{2} \cdot 2 \cdot 6 + 4 \cdot 6 + \frac{1}{2} \cdot 4 \cdot 6$$

0 (1)  $0 \sim 2$ :  $\alpha = 6/2 = 3 \text{ m/s}^2$ 

2~6: Q=0 m/s

12~14: a = 0 m/s

$$= 6 + 24 + (2 = 42m)$$

$$(4) 42 + \frac{1}{2} \cdot 2 \cdot (-3) + 2(-3)$$

$$= 6 + 24 + (2 - 3 - 6)$$

$$= 6 + 24 + (2 - 3 - 6)$$

$$= 42 - 9 = 33 m$$

$$8 (1) 72 (mls (1))$$

$$= 0.80 \text{ M} (初位置 から右 1)$$

$$= 2.0.40 + \frac{1}{2} \cdot (-2.5) \cdot 7.0^{2}$$

$$= -(2m)$$

$$= 初位置 から左 12m$$

$$8 \ (0 \ n + 14)$$
 $4 \cdot b = 30 \text{ m}$ 
 $6 + \frac{1}{2} \cdot 4 \cdot b$