7

1. (10   )

,   ,

$S_1 = v_1t,$ $t-$.
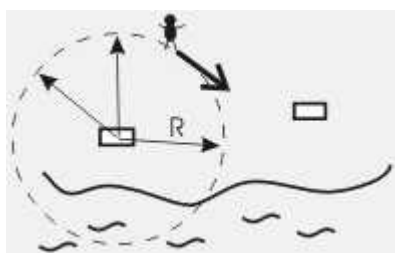
$S_2 = v_2t.$

$S_2 - S_1 = l/2.$

$t = l/(2(v_2 - v_1)) = 12$.

: $t = 12$.

2. (7   )

−

3. (8   )

.

2×100 $+ 2 \times 8$ $= 216$.

,   ,

$t = 216/(6 + 1,5) = 28,8$ (c).

$s = vt = 1,5$ / $\times 28,8$ $= 43,2$.

,   **48**   ,

,   **48** $- 43,2$ $= 4,8$.

4.(10   )

(   )

.   ,

,   .

- 35