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物理　高一(下册)

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[illegible] …………………… (104)
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[illegible] …………………… (118)
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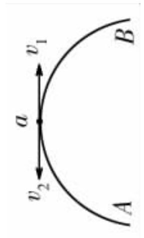

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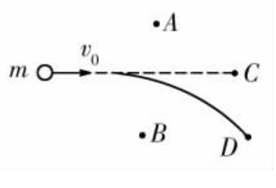

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C. ᠲᠡᠭᠰᠢ ᠲᠣᠭᠣᠷᠢᠭ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ ᠪᠣᠯ ᠲᠡᠭᠰᠢ ᠬᠤᠷᠳᠤᠳᠬᠠᠯ ᠲᠠᠢ ᠬᠤᠪᠢᠷᠠᠮᠲᠠᠭᠠᠢ ᠬᠤᠷᠳᠤᠴᠠ ᠲᠠᠢ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ

B. ᠲᠡᠭᠰᠢ ᠲᠣᠭᠣᠷᠢᠭ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ ᠪᠣᠯ ᠬᠤᠪᠢᠷᠠᠮᠲᠠᠭᠠᠢ ᠬᠤᠷᠳᠤᠴᠠ ᠲᠠᠢ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ ᠮᠥᠨ

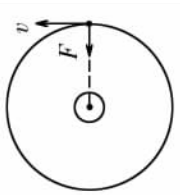
A. ᠲᠡᠭᠰᠢ ᠲᠣᠭᠣᠷᠢᠭ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ ᠪᠣᠯ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ ᠮᠥᠨ

ᠬᠤᠷᠳᠤᠴᠠ ᠶᠢᠨ ᠶᠡᠬᠡ ᠪᠠᠭ᠎ᠠ ᠨᠢ ᠥᠭᠡᠷᠡᠴᠢᠯᠡᠬᠦ ᠦᠭᠡᠢ ᠪᠣᠯ ( )

ᠲᠣᠭᠣᠷᠢᠭ ᠲᠣᠭᠣᠷᠢᠭ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ ᠢ ᠲᠥᠪ ᠵᠢᠷᠤᠭ ᠤᠨ ᠦᠵᠡᠭᠦᠯᠪᠡ᠃ ᠡᠨᠡ ᠬᠦᠷᠳᠦ ᠲᠣᠭᠣᠷᠢᠭ ᠦᠨ ᠦ

ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ ᠳᠦ ᠪᠠᠶᠢᠬᠤ ᠲᠡᠭᠡᠭᠦ ᠴᠡᠭ F ᠨᠢ ᠲᠥᠪ ᠴᠢᠭᠯᠡᠯ ᠲᠡᠢ ᠬᠦᠴᠦ ᠲᠡᠭᠡᠷᠡᠭ ᠦᠨ ᠬᠦ

6. ᠵᠢᠷᠤᠭ 5—3 ᠳᠦ᠂ ᠬᠦᠷᠳᠦ ᠲᠣᠭᠣᠷᠢᠭ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ ᠳᠦ ᠪᠠᠶᠢᠬᠤ ᠲᠡᠭᠡᠷᠡᠭ ᠦᠨ ᠲᠣᠭᠣᠷᠢᠭ
ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ ᠬᠦᠳᠡᠯᠬᠦ ᠪᠠᠶᠢᠨ᠎ᠠ



ᠵᠢᠷᠤᠭ 5—3

D. ᠬᠤᠷᠳᠤᠴᠠ ᠲᠡᠭᠰᠢ ᠪᠠᠶᠢᠬᠤ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ᠂ ᠬᠤᠪᠢᠷᠠᠮᠲᠠᠭᠠᠢ ᠬᠤᠷᠳᠤᠴᠠ ᠲᠠᠢ
ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ

C. ᠮᠤᠷᠤᠢ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ᠂ ᠬᠤᠷᠳᠤᠳᠬᠠᠯ ᠤᠨ ᠶᠡᠬᠡ ᠪᠠᠭ᠎ᠠ ᠪᠠ ᠴᠢᠭᠯᠡᠯ ᠨᠢ ᠪᠦᠭᠦᠳᠡ ᠥᠭᠡᠷᠡᠴᠢᠯᠡᠨ᠎ᠡ᠂ ᠲᠡᠭᠰᠢ ᠪᠤᠰᠤ
ᠲᠡᠭᠰᠢ ᠪᠤᠰᠤ ᠬᠤᠪᠢᠷᠠᠮᠲᠠᠭᠠᠢ ᠬᠤᠷᠳᠤᠴᠠ ᠲᠠᠢ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ

B. ᠮᠤᠷᠤᠢ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ᠂ ᠬᠤᠷᠳᠤᠳᠬᠠᠯ ᠤᠨ ᠶᠡᠬᠡ ᠪᠠᠭ᠎ᠠ ᠨᠢ ᠥᠭᠡᠷᠡᠴᠢᠯᠡᠬᠦ ᠦᠭᠡᠢ᠂ ᠴᠢᠭᠯᠡᠯ ᠨᠢ ᠥᠭᠡᠷᠡᠴᠢᠯᠡᠨ᠎ᠡ᠂
ᠬᠤᠪᠢᠷᠠᠮᠲᠠᠭᠠᠢ ᠬᠤᠷᠳᠤᠴᠠ ᠲᠠᠢ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ

A. ᠮᠤᠷᠤᠢ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ᠂ ᠬᠤᠷᠳᠤᠳᠬᠠᠯ ᠤᠨ ᠶᠡᠬᠡ ᠪᠠᠭ᠎ᠠ ᠪᠠ ᠴᠢᠭᠯᠡᠯ ᠨᠢ ᠪᠦᠭᠦᠳᠡ ᠥᠭᠡᠷᠡᠴᠢᠯᠡᠬᠦ ᠦᠭᠡᠢ᠂ ᠲᠡᠭᠰᠢ

ᠨᠢ ( )

ᠬᠦᠳᠡᠯᠭᠡᠬᠦ ᠪᠠᠶᠢᠳᠠᠯ ᠳᠤ᠂ ᠬᠦᠴᠦ ᠨᠢ ᠬᠤᠷᠳᠤᠴᠠ ᠶᠢᠨ ᠴᠢᠭᠯᠡᠯ ᠲᠡᠢ ᠨᠢᠭᠡ ᠱᠤᠭᠤᠮ ᠳᠤ ᠪᠠᠶᠢᠬᠤ ᠦᠭᠡᠢ ᠪᠣᠯ᠂ ᠪᠡᠶ᠎ᠡ ᠶᠢᠨ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ

5. ᠪᠡᠶ᠎ᠡ ᠳᠦ ᠦᠢᠯᠡᠴᠢᠯᠡᠬᠦ ᠳᠦ᠂ ᠪᠡᠶ᠎ᠡ ᠶᠢᠨ ᠬᠦᠴᠦ ᠶᠢᠨ ᠬᠠᠮᠲᠤ ᠬᠦᠴᠦ ᠨᠢ ᠲᠡᠭ ᠪᠢᠰᠢ ᠪᠣᠯᠪᠠᠯ

D. ᠪᠣᠯ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ ᠪᠡᠶ᠎ᠡ ᠶᠢᠨ ᠲᠥᠯᠥᠪ ᠪᠠᠶᠢᠳᠠᠯ ᠳᠤ ᠮᠤᠷᠤᠢ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ ᠢᠶᠡᠷ ᠬᠦᠳᠡᠯᠬᠦ ᠦᠭᠡᠢ
ᠲᠡᠭᠰᠢ ᠰᠢᠯᠤᠭᠤᠨ ᠮᠤᠷᠤᠢ ᠪᠠᠶᠢᠬᠤ ᠲᠣᠭᠲᠠᠭᠰᠠᠨ ᠦᠭᠡᠢ

C. ᠮᠤᠷᠤᠢ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ ᠢ ᠬᠢᠵᠦ ᠪᠣᠯᠬᠤ ᠪᠡᠶ᠎ᠡ ᠳᠦ ᠬᠦᠴᠦ ᠨᠢ ᠬᠤᠷᠳᠤᠴᠠ ᠶᠢᠨ ᠴᠢᠭᠯᠡᠯ ᠲᠡᠢ ᠪᠠ ᠪᠣᠯ

B. ᠪᠣᠯ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ ᠪᠡᠶ᠎ᠡ ᠶᠢᠨ ᠲᠥᠯᠥᠪ ᠪᠠᠶᠢᠳᠠᠯ ᠮᠤᠷᠤᠢ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ ᠢᠶᠡᠷ ᠪᠠᠶᠢᠨ᠎ᠠ

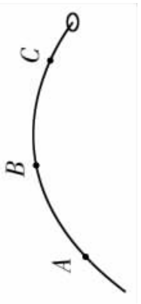
A. ᠪᠣᠯ ᠬᠤᠪᠢᠷᠠᠮᠲᠠᠭᠠᠢ ᠪᠡᠶ᠎ᠡ ᠶᠢᠨ ᠲᠥᠯᠥᠪ ᠪᠠᠶᠢᠳᠠᠯ ᠮᠤᠷᠤᠢ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ ᠢᠶᠡᠷ ᠪᠣᠯᠬᠤ ᠦᠭᠡᠢ

4. ᠳᠠᠷᠤᠯᠲᠠ ᠣᠷᠣᠨ ᠳᠤ ᠲᠤᠰᠬᠠᠢ ᠨᠢ ( )
ᠲᠣᠭᠲᠠᠭᠰᠠᠨ ᠣᠷᠣᠨ ᠲᠠᠯᠪᠢᠭᠳᠠᠬᠤ ᠦᠭᠡᠢ

D. ᠪᠣᠯ ᠨᠢ ᠪᠤᠤᠬᠤ ᠬᠤᠭᠤᠴᠠᠭ᠎ᠠ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ ᠤ ᠴᠢᠭᠯᠡᠯ ᠢ ᠬᠤᠷᠳᠤᠴᠠ ᠶᠢᠨ ᠴᠢᠭᠯᠡᠯ ᠪᠠ ᠬᠠᠷᠠ ᠭᠠᠵᠠᠷ
ᠲᠣᠭᠲᠠᠭᠰᠠᠨ ᠣᠷᠣᠨ ᠲᠠᠯᠪᠢᠭᠳᠠᠬᠤ ᠦᠭᠡᠢ

ᠬᠦᠴᠦ ᠨᠢ ᠴᠢᠭᠯᠡᠯ ᠢ ᠬᠤᠷᠳᠤᠴᠠ ᠶᠢᠨ ᠴᠢᠭᠯᠡᠯ ᠲᠡᠢ ᠳᠠᠬᠢᠨ ᠬᠠᠷᠢᠴᠠᠭᠤᠯᠪᠠᠯ (ᠴᠢᠭᠯᠡᠯ ᠨᠢ
ᠪᠣᠯ ᠨᠢ ᠵᠢᠷᠤᠭ ᠳᠤ᠃ ᠵᠢᠷᠤᠭ ᠳᠤ A 、B 、C ᠭᠤᠷᠪᠠᠨ ᠴᠡᠭ ᠨᠢ
ᠭᠤᠷᠪᠠᠨ ᠲᠡᠭᠰᠢ ᠬᠤᠭᠤᠴᠠᠭ᠎ᠠ ᠳᠤ ᠬᠤᠷᠳᠤᠴᠠ ᠲᠠᠢ ᠮᠤᠷᠤᠢ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ ᠪᠠᠶᠢᠨ᠎ᠠ

9. ᠵᠢᠷᠤᠭ 5—5 ᠳᠦ᠂ $A \to B \to C$ ᠴᠢᠭᠯᠡᠯ ᠮᠤᠷᠤᠢ ᠱᠤᠭᠤᠮ ᠢᠶᠡᠷ ᠬᠦᠳᠡᠯᠪᠡ
( )᠃



ᠵᠢᠷᠤᠭ 5—5

ᠪᠣᠯ᠂ ᠬᠤᠷᠳᠤᠳᠬᠠᠯ ᠤᠨ ᠶᠡᠬᠡ ᠪᠠᠭ᠎ᠠ ᠨᠢ ( ) m/s^2᠂ ᠴᠢᠭᠯᠡᠯ ᠨᠢ

(4) 4 ᠬᠦᠴᠦ ᠶᠢ ᠵᠡᠷᠭᠡ ᠪᠡᠷ ᠠᠷᠢᠯᠭᠠᠪᠠᠯ ᠪᠡᠶ᠎ᠡ ( ) ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ

ᠬᠤᠷᠳᠤᠳᠬᠠᠯ ᠤᠨ ᠶᠡᠬᠡ ᠪᠠᠭ᠎ᠠ ᠨᠢ ( ) m/s^2᠂ ᠴᠢᠭᠯᠡᠯ ᠨᠢ ( )᠃

(3) ᠵᠥᠪᠬᠡᠨ F_3 ᠶᠢ ᠠᠷᠢᠯᠭᠠᠪᠠᠯ ᠪᠡᠶ᠎ᠡ ( ) ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ ᠪᠣᠯ᠃

ᠬᠤᠷᠳᠤᠳᠬᠠᠯ ᠤᠨ ᠶᠡᠬᠡ ᠪᠠᠭ᠎ᠠ ᠨᠢ ( ) m/s^2᠂ ᠴᠢᠭᠯᠡᠯ ᠨᠢ ( )᠃

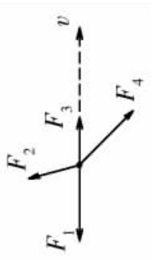
(2) ᠵᠥᠪᠬᠡᠨ F_2 ᠢ ᠠᠷᠢᠯᠭᠠᠪᠠᠯ ᠪᠡᠶ᠎ᠡ ( ) ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ ᠪᠣᠯ᠃
ᠴᠢᠭᠯᠡᠯ ᠨᠢ ( )᠃

ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ ᠪᠣᠯ᠃ ᠬᠤᠷᠳᠤᠳᠬᠠᠯ ᠤᠨ ᠶᠡᠬᠡ ᠪᠠᠭ᠎ᠠ ᠨᠢ ( ) m/s^2᠂

(1) ᠵᠥᠪᠬᠡᠨ F_1 ᠶᠢ ᠠᠷᠢᠯᠭᠠᠪᠠᠯ ᠪᠡᠶ᠎ᠡ ( )

ᠲᠡᠭᠰᠢ ᠬᠤᠷᠳᠤᠴᠠ ᠲᠠᠢ ᠪᠠᠶᠢᠨ᠎ᠠ᠃

ᠴᠢᠭ᠃ ᠪᠡᠶ᠎ᠡ ᠶᠢᠨ ᠬᠤᠷᠳᠤᠴᠠ ᠶᠢᠨ ᠴᠢᠭᠯᠡᠯ ᠨᠢ F_1 、F_3 ᠶᠢᠨ ᠴᠢᠭᠯᠡᠯ ᠲᠡᠢ ᠨᠢᠭᠡ
ᠱᠤᠭᠤᠮ ᠤᠨ ᠲᠡᠨᠴᠡᠭᠦᠷᠢ ᠶᠢ ᠬᠠᠳᠠᠭᠠᠯᠠᠨ᠂ ᠲᠡᠭᠰᠢ ᠱᠤᠯᠤᠭᠤᠨ ᠲᠡᠭᠰᠢ ᠬᠤᠷᠳᠤᠴᠠ ᠲᠠᠢ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ



ᠵᠢᠷᠤᠭ 5—4

8. ᠵᠢᠷᠤᠭ 5—4 ᠳᠦ᠂ ᠮᠠᠰᠰᠠ ᠨᠢ m ᠪᠠᠶᠢᠬᠤ ᠪᠡᠶ᠎ᠡ 4 ᠬᠦᠴᠦᠨ ᠦ ᠳᠣᠣᠷ᠎ᠠ

D. ᠮᠠᠰᠢᠨ ᠤᠨ ᠬᠤᠷᠳᠤᠴᠠ ᠲᠡᠭᠰᠢ ᠪᠠᠶᠢᠬᠤ ᠦᠶ᠎ᠡ ᠳᠦ᠂ ᠬᠤᠷᠳᠤᠴᠠ ᠶᠢᠨ ᠴᠢᠭᠯᠡᠯ ᠥᠭᠡᠷᠡᠴᠢᠯᠡᠬᠦ ᠦᠭᠡᠢ

C. ᠮᠠᠰᠢᠨ ᠤᠨ ᠬᠤᠷᠳᠤᠴᠠ ᠶᠢᠨ ᠶᠡᠬᠡ ᠪᠠᠭ᠎ᠠ ᠬᠤᠪᠢᠷᠠᠮᠲᠠᠭᠠᠢ ᠲᠣᠭᠣᠷᠢᠭ ᠶᠢᠨ ᠲᠥᠪ ᠬᠤᠷᠳᠤᠴᠠ ᠨᠢ ᠪᠠᠶᠢᠨ᠎ᠠ 10m/s

B. ᠮᠠᠰᠢᠨ ᠤᠨ ᠬᠤᠷᠳᠤᠴᠠ ᠲᠡᠭᠰᠢ ᠪᠠᠶᠢᠬᠤ ᠦᠶ᠎ᠡ ᠳᠦ᠂ ᠬᠤᠷᠳᠤᠴᠠ ᠶᠢᠨ ᠴᠢᠭᠯᠡᠯ ᠨᠢ 180° ᠥᠭᠡᠷᠡᠴᠢᠯᠡᠨ᠎ᠡ

A. ᠮᠠᠰᠢᠨ ᠤᠨ ᠶᠠᠪᠤᠭᠰᠠᠨ ᠵᠠᠮ ᠤᠨ ᠤᠷᠲᠤ ᠨᠢ 600m

( )

ᠲᠣᠭᠣᠷᠢᠭ ᠮᠠᠱᠢᠨ ᠦ ᠬᠠᠭᠠᠰ ᠲᠣᠭᠣᠷᠢᠭ ᠨᠢ 600m ᠪᠣᠯ᠂ ᠳᠠᠷᠤᠯᠲᠠ ᠨᠢ ᠬᠦᠷᠳᠦ ᠶᠢᠨ ᠨᠢ

7. ᠮᠠᠰᠢᠨ ᠤᠨ ᠲᠣᠭᠣᠷᠢᠭ ᠮᠠᠱᠢᠨ ᠦ ᠬᠠᠭᠠᠰ ᠲᠣᠭᠣᠷᠢᠭ ᠢ ᠵᠢᠭᠡᠳ 60s ᠲᠤᠷᠰᠢᠪᠠ᠃ ᠡᠨᠡ
ᠦᠶ᠎ᠡ ᠶᠢᠨ ᠬᠤᠭᠤᠴᠠᠭ᠎ᠠ ᠳᠤ ᠲᠣᠭᠲᠠᠭᠰᠠᠨ ᠦᠭᠡᠢ

D. ᠬᠤᠷᠳᠤᠳᠬᠠᠯ ᠤᠨ ᠶᠡᠬᠡ ᠪᠠᠭ᠎ᠠ ᠨᠢ ᠥᠭᠡᠷᠡᠴᠢᠯᠡᠬᠦ ᠦᠶ᠎ᠡ ᠶᠢᠨ ᠬᠤᠷᠳᠤᠴᠠ ᠪᠣᠯᠤᠨ ᠲᠡᠭᠰᠢ ᠬᠦᠳᠡᠯᠭᠡᠭᠡᠨ
ᠪᠣᠯ

[illegible]

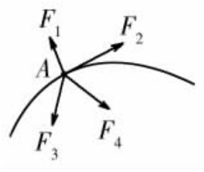
1. [illegible]

2. [illegible]
(1) [illegible]
(2) [illegible]
(3) [illegible]

3. [illegible]
(1) [illegible]
(2) [illegible]
(3) [illegible]
(4) [illegible]

[illegible]

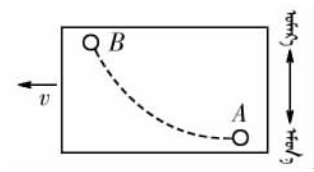
1. [illegible] $5-6$ [illegible] A [illegible] ( )



[illegible] 5—6

A. F_1 [illegible]　B. F_2 [illegible]
C. F_3 [illegible]　D. F_4 [illegible]

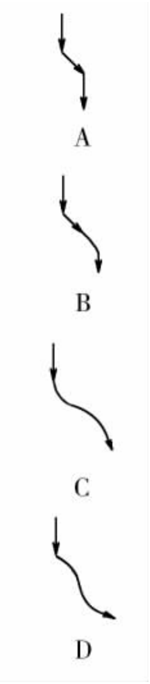
2. [illegible] $5-7$ ([illegible]) [illegible] v [illegible] A [illegible] B [illegible] ( )



[illegible] 5—7

A. [illegible]
B. [illegible]
C. [illegible]
D. [illegible]

3. [illegible] [illegible] 5—8 [illegible] ( )

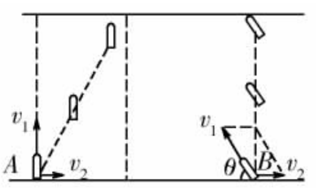


[illegible] 5—8

(2) [illegible] A [illegible] $t_{min}=d/v_1$ [illegible] d [illegible]

(1) [illegible]

[illegible] d [illegible] v_1 [illegible] v_2 [illegible] 5—9 [illegible]



[illegible] 5—9

2. [illegible]

(3) [illegible]

(2) [illegible]

(1) [illegible]

1. [illegible]

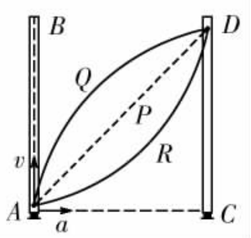
[illegible] $v_1\sin\theta$ [illegible] B [illegible] $\cos\theta=v_2/v_1$ [illegible] $t=d/$

[illegible]

C. [illegible] R D. [illegible]

A. [illegible] P B. [illegible] Q

[illegible] A [illegible] ( )



[illegible] 5—10

【 [illegible] 1 】 [illegible] 5—10 [illegible]

[illegible]

此为试读,需要完整PDF请访问: www.ertongbook.com

[illegible]

【[illegible]】$t_1t_2/(t_1+t_2)$

$v_2=s/t_2$ [illegible]

[illegible] $v=v_1+v_2$ [illegible] $t=s/v$，[illegible] $v_1=s/t_1$、[illegible] v_1，[illegible] v_2 [illegible] s，[illegible]

[illegible]

(　　　　)。

[illegible] $t=$ [illegible] t_2 [illegible] t_1 [illegible]

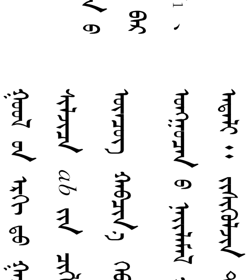
【[illegible] 2】[illegible]

[illegible]

【[illegible]】B

[illegible] B [illegible]

[illegible] $53°$ [illegible] $4m/s$，[illegible] $=5\times0.6m/s=3m/s$，[illegible] $v_1=v_2\sin\theta$ [illegible] $\tan\theta=\frac{30}{40}=\frac{3}{4}\Rightarrow\theta=37°$。[illegible] ab [illegible] θ [illegible] 5－12 [illegible]

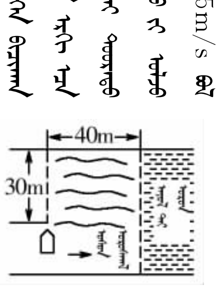


[illegible] 5－12

[illegible]

[illegible] $5m/s$ [illegible] 30m [illegible] 40m [illegible]

【[illegible] 3】[illegible] 5－11 [illegible]



[illegible] 5－11

[illegible]

A. 0.1m/s　　　　B. 0.2m/s

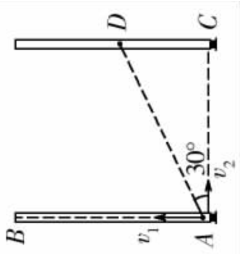
(1) [illegible]　　( )

([illegible] 5—13) ·

[illegible] 30° [illegible]

[illegible] 0.1m/s [illegible]

1. [illegible]



[illegible] 5—13

[illegible]

[illegible] · $t=\frac{30}{2.4}$s=12.5s ··

[illegible] 2.4m/s · [illegible]

[illegible] v_1 [illegible]

[illegible] (ab [illegible]) [illegible]

[illegible]

[illegible] · 12.5s ··

【 [illegible] 】 3m/s · [illegible] 53° [illegible] 50m · [illegible] t=50/4 · s=12.25s ··

[illegible] ([illegible] 5—14) · [illegible]

5. [illegible] A 、B [illegible]

A. 60m　　B. 600m　　C. 660m　　D. 540m

[illegible]　　( )

[illegible] 1min [illegible] 1m/s [illegible]

4. [illegible] 36km/h [illegible]

D. [illegible]

C. [illegible]

B. [illegible]

A. [illegible]

( )

[illegible]

3. [illegible]

D. [illegible]

C. [illegible]

B. [illegible]

A. [illegible]

2. [illegible]　　( )

A. 1.0m　　B. 2.0m　　C. 1.7m　　D. 0.5m

[illegible]　　( )

[illegible]

(2) [illegible] 1.0m [illegible]

C. 0.17m/s　　D. [illegible]

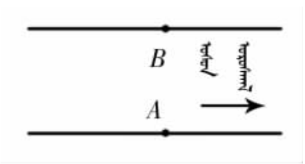
ᠭᠠᠷᠤᠭᠰᠠᠨ ᠪᠣᠯ᠂ ᠬᠠᠮᠤᠭ ᠤᠨ ᠲᠣᠭᠠᠴᠠᠭᠠᠨ ᠤ ᠪᠠᠢᠷᠢ　（　）

A. ᠬᠥᠯᠦᠭ ᠤᠨ ᠬᠤᠷᠳᠤᠴᠠ ᠬᠠᠮᠤᠭ ᠤᠨ ᠪᠠᠭ᠎ᠠ ᠤᠷᠤᠰᠬᠠᠯ ᠲᠠᠢ ᠭᠣᠣᠯ ᠤᠨ ᠡᠷᠭᠡ ᠳᠦ
ᠬᠦᠷᠦᠭᠡᠳᠦ ᠲᠣᠭᠲᠠᠨ᠎ᠠ

B. ᠬᠥᠯᠦᠭ ᠤᠨ ᠬᠤᠷᠳᠤᠴᠠ ᠬᠠᠮᠤᠭ ᠤᠨ ᠪᠠᠭ᠎ᠠ ᠤᠷᠤᠰᠬᠠᠯ ᠤᠨ ᠬᠥᠳᠡᠯᠭᠡᠭᠡᠨ ᠢ ᠪᠠᠷ ᠬᠤᠷᠳᠤᠨ
ᠤᠷᠤᠰᠬᠠᠯ ᠦᠭᠡᠢ ᠬᠥᠳᠡᠯᠭᠡᠭᠡᠨ ᠪᠣᠯᠤᠨ᠎ᠠ

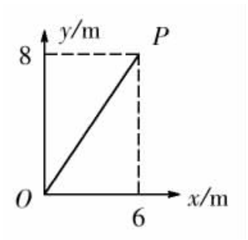
C. ᠬᠥᠯᠦᠭ ᠤᠨ ᠬᠤᠷᠳᠤᠴᠠ ᠬᠠᠮᠤᠭ ᠤᠨ ᠪᠠᠭ᠎ᠠ ᠤᠷᠤᠰᠬᠠᠯ ᠤᠨ ᠬᠥᠳᠡᠯᠭᠡᠭᠡᠨ ᠢ ᠪᠠᠷ ᠬᠤᠷᠳᠤᠨ
ᠤᠷᠤᠰᠬᠠᠯ ᠦᠭᠡᠢ ᠬᠥᠳᠡᠯᠭᠡᠭᠡᠨ ᠪᠣᠯᠤᠨ᠎ᠠ

D. A ᠪᠠ B ᠬᠣᠶᠠᠷ ᠴᠡᠭ ᠦᠨ ᠬᠤᠷᠳᠤᠴᠠ ᠤᠷᠤᠰᠬᠠᠯ ᠤᠨ ᠬᠥᠳᠡᠯᠭᠡᠭᠡᠨ ᠢ ᠬᠤᠷᠳᠤᠨ ᠤᠷᠤᠰᠬᠠᠯ ᠦᠭᠡᠢ ᠬᠥᠳᠡᠯᠭᠡᠭᠡᠨ
ᠪᠣᠯᠤᠨ᠎ᠠ



ᠵᠢᠷᠤᠭ 5—14

6. ᠵᠢᠷᠤᠭ 5—15 ᠳᠦ᠂ ᠬᠡᠯᠪᠡᠭᠡ ᠪᠣᠯᠤᠨ ᠬᠥᠳᠡᠯᠭᠡᠭᠡᠨ ᠢᠶᠡᠷ ᠦᠵᠡᠭᠦᠯᠦᠨ᠎ᠡ
ᠪᠠᠢᠷᠢᠨ ᠤ ᠡᠬᠢᠨ ᠡᠴᠡ ᠬᠥᠳᠡᠯᠵᠦ ᠪᠠᠢᠭ᠎ᠠ O ᠴᠡᠭ ᠡᠴᠡ ᠡᠬᠢᠯᠡᠨ
ᠬᠥᠳᠡᠯᠬᠦ ᠳᠤ ᠳᠤᠷᠤᠳᠬᠠᠯ ᠴᠢᠭᠯᠡᠯ 10s ᠤᠨ ᠳᠠᠷᠠᠭ᠎ᠠ P ᠴᠡᠭ ᠲᠦ
ᠬᠦᠷᠦᠨ᠎ᠡ᠂ ᠲᠡᠭᠡᠪᠡᠯ ᠪᠣᠯᠤᠨ ᠨᠢ x ᠲᠡᠩᠭᠡᠯᠢᠭ ᠤᠨ ᠴᠢᠭᠯᠡᠯ ᠳᠦᠬᠢ ᠬᠤᠷᠳᠤᠴᠠ ᠶᠢ
（　　）᠂ y ᠲᠡᠩᠭᠡᠯᠢᠭ ᠤᠨ ᠴᠢᠭᠯᠡᠯ ᠳᠦᠬᠢ ᠬᠤᠷᠳᠤᠴᠠ ᠶᠢ
（　　）᠂ ᠪᠣᠯᠤᠨ ᠨᠢ 10s ᠳᠤᠲᠤᠷᠬᠢ ᠳᠤᠮᠳᠠᠳᠤ ᠬᠤᠷᠳᠤᠴᠠ ᠶᠢ
（　　）᠃



ᠵᠢᠷᠤᠭ 5—15

7. ᠬᠡᠷᠪᠡ ᠮᠠᠰᠢᠨ ᠲᠡᠷᠭᠡ ᠬᠥᠳᠡᠯᠦᠩᠭᠦᠢ ᠪᠠᠢᠳᠠᠯ ᠠᠴᠠ ᠬᠥᠳᠡᠯᠵᠦ ᠡᠬᠢᠯᠡᠬᠦ ᠳᠦ᠂ ᠲᠣᠭᠲᠠᠮᠠᠯ ᠬᠤᠷᠳᠤᠴᠠ ᠪᠠᠷ ᠬᠥᠳᠡᠯᠬᠦ ᠪᠣᠯᠪᠠᠰᠤ
ᠪᠣᠯᠤᠨ᠎ᠠ᠃ ᠪᠣᠯᠤᠨ ᠤ ᠬᠤᠷᠳᠤᠴᠠ ᠶᠢ ᠲᠣᠭᠲᠠᠭᠠᠬᠤ ᠴᠠᠭ ᠲᠤ ᠬᠤᠷᠳᠤᠴᠠ ᠨᠢ ᠲᠣᠭᠲᠠᠨ᠎ᠠ ᠨᠢᠭᠡ ᠬᠤᠷᠳᠤᠨ
ᠤᠷᠤᠰᠬᠠᠯ ᠤᠨ ᠬᠤᠷᠳᠤᠴᠠ ᠪᠠᠷ ᠬᠥᠳᠡᠯᠬᠦ ᠳᠦ ᠬᠤᠷᠳᠤᠴᠠ ᠨᠢ 5m/s ᠪᠣᠯᠤᠨ᠎ᠠ᠃ ᠲᠡᠭᠡᠳ
ᠡᠭᠦᠨ ᠢ ᠬᠠᠳᠠᠭᠠᠯᠠᠬᠤ ᠳᠤ 100m ᠬᠥᠳᠡᠯᠵᠦ ᠪᠠᠢᠭᠠᠳ ᠪᠠᠷ ᠪᠣᠯᠤᠨ ᠤ ᠲᠣᠭᠲᠠᠭᠠᠬᠤ ᠶᠢᠨ
ᠬᠤᠷᠳᠤᠴᠠ ᠨᠢ ᠲᠣᠭᠲᠠᠭᠠᠬᠤ ᠳᠤ ᠬᠦᠷᠬᠦ᠂ ᠡᠨᠡ ᠴᠠᠭ ᠲᠤ ᠬᠤᠷᠳᠤᠴᠠ ᠨᠢ 5m/s᠃ ᠬᠡᠷᠪᠡ
ᠪᠠᠢᠷᠢ ᠶᠢᠨ ᠬᠥᠳᠡᠯᠭᠡᠭᠡᠨ ᠢ ᠲᠣᠭᠲᠠᠭᠠᠬᠤ ᠶᠢᠨ ᠬᠤᠷᠳᠤᠴᠠ ᠶᠢ ᠳᠤᠷᠤᠳᠬᠠᠯ ᠬᠤᠷᠳᠤᠴᠠ ᠪᠠᠷ ᠪᠣᠯᠪᠠᠯ᠃
ᠬᠠᠷᠢᠭᠤ ᠨᠢ᠄ （1） ᠪᠠᠢᠷᠢ ᠶᠢᠨ ᠬᠥᠳᠡᠯᠭᠡᠭᠡᠨ ᠦ ᠳᠤᠮᠳᠠᠳᠤ ᠬᠤᠷᠳᠤᠴᠠ ᠶᠢ ᠲᠣᠭᠠᠴᠠᠭᠠᠳᠤ᠃

（2） ᠪᠠᠢᠷᠢ ᠶᠢᠨ ᠬᠥᠳᠡᠯᠬᠦ ᠬᠤᠭᠤᠴᠠᠭ᠎ᠠ ᠶᠢᠨ ᠬᠤᠷᠳᠤᠴᠠ ᠶᠢ ᠨᠢ ᠪᠣᠯᠤᠨ᠎ᠠ᠃

（3） ᠪᠠᠢᠷᠢ ᠶᠢᠨ ᠲᠣᠭᠲᠠᠭᠠᠬᠤ ᠬᠤᠷᠳᠤᠴᠠ ᠶᠢᠨ ᠴᠢᠭᠯᠡᠯ ᠢ ᠣᠯᠤᠭᠰᠠᠨ ᠮᠡᠳᠡᠭᠡᠯ ᠦᠨ᠃

8. ᠤᠷᠤᠰᠬᠠᠯ 4m/s ᠤᠨ ᠭᠣᠣᠯ ᠳᠤ ᠭᠣᠣᠯ ᠤᠨ ᠨᠢᠭᠡ ᠡᠷᠭᠡ ᠡᠴᠡ ᠨᠥᠭᠦᠭᠡ ᠡᠷᠭᠡ ᠳᠦ ᠭᠠᠲᠤᠯᠬᠤ᠂ ᠣᠩᠭᠤᠴᠠ
ᠤᠰᠤᠨ ᠤ ᠬᠤᠷᠳᠤᠴᠠ ᠢ 5m/s᠃ ᠭᠣᠣᠯ ᠤᠨ ᠥᠷᠭᠡᠨ ᠢ 120m ᠪᠣᠯ᠂ ᠬᠠᠷᠢᠭᠤ ᠢ᠄

（1） ᠣᠩᠭᠤᠴᠠ ᠭᠠᠲᠤᠯᠬᠤ ᠬᠠᠮᠤᠭ ᠤᠨ ᠪᠠᠭ᠎ᠠ ᠴᠠᠭ ᠬᠡᠳᠦᠢ ᠪᠤᠢ?

(2) ᠣᠩᠭᠤᠴᠠ ᠶᠠᠮᠠᠷ ᠭᠠᠲᠤᠯᠤᠯᠲᠠ ᠶᠢᠨ ᠬᠠᠮᠤᠭ ᠪᠤᠭᠤᠨᠢ ᠬᠤᠭᠤᠴᠠᠭ᠎ᠠ ᠬᠡᠳᠦ ᠪᠤᠢ?

(3) ᠣᠩᠭᠤᠴᠠ ᠪᠠ ᠬᠠᠮᠤᠭ ᠤᠨ ᠪᠤᠭᠤᠨᠢ ᠵᠠᠮ ᠢ ᠳᠠᠶᠠᠨ ᠭᠠᠲᠤᠯᠬᠤ ᠳᠤ ᠬᠡᠳᠦ ᠬᠤᠭᠤᠴᠠᠭ᠎ᠠ ᠬᠡᠷᠡᠭᠯᠡᠬᠦ ᠪᠤᠢ?

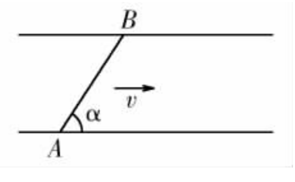
ᠪᠤᠢ?

ᠣᠩᠭᠤᠴᠠ ᠶᠢᠨ ᠭᠠᠲᠤᠯᠬᠤ ᠬᠤᠭᠤᠴᠠᠭ᠎ᠠ ᠬᠡᠳᠦ ᠪᠤᠢ? ᠬᠡᠷᠪᠡ ᠤᠰᠤᠨ ᠤ ᠤᠷᠤᠰᠬᠠᠯ ᠤᠨ ᠬᠤᠷᠳᠤᠴᠠ ᠨᠢ 10m/s᠂ ᠤᠰᠤᠨ ᠳᠤ ᠬᠠᠷᠢᠴᠠᠩᠭᠤᠢ ᠣᠩᠭᠤᠴᠠ ᠶᠢᠨ ᠬᠤᠷᠳᠤᠴᠠ ᠨᠢ ᠪᠣᠯ᠂ ᠣᠩᠭᠤᠴᠠ ᠶᠢᠨ ᠬᠤᠷᠳᠤᠴᠠ ᠨᠢ ᠬᠡᠳᠦ ᠪᠤᠢ?

2. ᠬᠡᠪᠲᠡᠭᠡ ᠰᠢᠳᠤᠯᠲᠠ ᠶᠢᠨ ᠴᠠᠭ ᠲᠤ᠂ ᠣᠨᠳᠣᠷ ᠨᠢ 9m ᠲᠡᠢ ᠬᠡᠪᠲᠡᠭᠡ 2m/s ᠲᠡᠢ ᠬᠤᠷᠳᠤᠴᠠ ᠪᠠᠶᠢ

ᠰᠤᠷᠤᠭᠰᠠᠨ ᠵᠢᠨᠠ ᠢᠶᠡᠨ ᠪᠠᠲᠤᠯᠠᠬᠤ

1. ᠵᠢᠷᠤᠭ 5—16 ᠮᠡᠲᠦ᠂ ᠤᠰᠤᠨ ᠤᠷᠤᠰᠬᠠᠯ ᠤᠨ ᠬᠤᠷᠳᠤᠴᠠ ᠨᠢ v᠂ ᠣᠩᠭᠤᠴᠠ AB ᠴᠢᠭᠯᠡᠯ ᠢᠶᠡᠷ ᠭᠣᠣᠯ ᠭᠠᠲᠤᠯᠬᠤ ᠳᠤ ᠣᠩᠭᠤᠴᠠ ᠶᠢᠨ ᠬᠠᠮᠤᠭ ᠪᠠᠭ᠎ᠠ ᠬᠤᠷᠳᠤᠴᠠ ᠨᠢ ᠬᠡᠳᠦ ᠪᠤᠢ? AB ᠤᠰᠤᠨ ᠤᠷᠤᠰᠬᠠᠯ ᠤᠨ ᠴᠢᠭᠯᠡᠯ ᠲᠡᠢ ᠦᠦᠰᠬᠡᠬᠦ ᠥᠨᠴᠥᠭ ᠨᠢ α ᠪᠣᠯᠤᠨ᠎ᠠ᠃



ᠵᠢᠷᠤᠭ 5—16

3. ᠬᠡᠷᠪᠡ ᠪᠠᠭ᠎ᠠ ᠣᠩᠭᠤᠴᠠ ᠭᠣᠯ ᠢ ᠭᠠᠲᠤᠯᠬᠤ ᠳᠤ᠂ ᠣᠩᠭᠤᠴᠠ ᠶᠢᠨ ᠬᠣᠰᠢᠭᠤ ᠶᠢ ᠭᠣᠯ ᠤᠨ ᠡᠷᠭᠡ ᠳᠦ ᠪᠤᠰᠤᠭ᠎ᠠ ᠴᠢᠭᠯᠡᠯ ᠲᠡᠢ ᠪᠠᠢᠯᠭᠠᠪᠠᠯ 10min ᠮᠢᠨᠦ᠋ᠲ ᠦᠨ ᠳᠠᠷᠠᠭ᠎ᠠ ᠤᠷᠤᠰᠬᠠᠯ ᠤᠨ ᠳᠣᠣᠷ᠎ᠠ ᠴᠢᠭᠯᠡᠯ ᠦᠨ 120m ᠭᠠᠵᠠᠷ ᠬᠦᠷᠦᠨ᠎ᠡ :: ᠬᠡᠷᠪᠡ ᠣᠩᠭᠤᠴᠠ ᠶᠢᠨ ᠬᠣᠰᠢᠭᠤ ᠶᠢ ᠭᠣᠯ ᠤᠨ ᠡᠷᠭᠡ ᠲᠡᠢ α ᠥᠨᠴᠥᠭ ᠪᠣᠯᠭᠠᠨ ᠡᠰᠡᠷᠭᠦ ᠤᠷᠤᠰᠬᠠᠯ ᠤᠨ ᠴᠢᠭᠯᠡᠯ ᠦᠨ ᠬᠥᠳᠡᠯᠬᠦ ᠪᠣᠯ 12.5min ᠮᠢᠨᠦ᠋ᠲ ᠦᠨ ᠳᠠᠷᠠᠭ᠎ᠠ ᠶᠠᠭ ᠡᠰᠡᠷᠭᠦ ᠡᠷᠭᠡ ᠳᠦ ᠬᠦᠷᠦᠨ᠎ᠡ᠂ ᠣᠯᠬᠤ ᠨᠢ :

(1) ᠤᠰᠤᠨ ᠤᠷᠤᠰᠬᠠᠯ ᠤᠨ ᠬᠤᠷᠳᠤᠴᠠ ::

(2) ᠣᠩᠭᠤᠴᠠ ᠶᠢᠨ ᠲᠣᠭᠲᠠᠭᠰᠠᠨ ᠤᠰᠤᠨ ᠳᠠᠬᠢ ᠬᠤᠷᠳᠤᠴᠠ ::

(3) ᠭᠣᠯ ᠤᠨ ᠥᠷᠭᠡᠨ ::

(4) ᠣᠩᠭᠤᠴᠠ ᠶᠢᠨ ᠬᠣᠰᠢᠭᠤ ᠪᠠ ᠭᠣᠯ ᠤᠨ ᠡᠷᠭᠡ ᠶᠢᠨ ᠬᠠᠪᠴᠢᠭᠰᠠᠨ ᠥᠨᠴᠥᠭ α ::

ᠭᠣᠯᠳᠠᠭ᠂ ᠬᠡᠪᠲᠡᠭᠡ ᠰᠢᠳᠦᠯᠲᠡ ᠶᠢᠨ ᠬᠥᠳᠡᠯᠭᠡᠭᠡᠨ ᠦ ᠬᠡᠯᠪᠡᠷᠢ

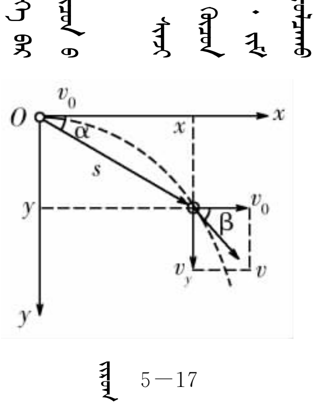
ᠮᠡᠳᠡᠯᠭᠡ ᠶᠢᠨ ᠲᠣᠪᠴᠢᠶ᠎ᠠ

1. ᠬᠡᠪᠲᠡᠭᠡ ᠰᠢᠳᠦᠯᠲᠡ ᠶᠢᠨ ᠲᠣᠳᠣᠷᠬᠠᠶᠢᠯᠠᠯᠲᠠ : ᠪᠣᠳᠠᠰ ᠢ ᠲᠣᠳᠣᠷᠬᠠᠢ ᠡᠬᠢᠨ ᠬᠤᠷᠳᠤᠴᠠ ᠪᠠᠷ ᠬᠡᠪᠲᠡᠭᠡ ᠴᠢᠭᠯᠡᠯ ᠢᠶᠡᠷ ᠰᠢᠳᠦᠭᠡᠳ ᠪᠣᠳᠠᠰ ᠵᠥᠪᠬᠡᠨ ᠬᠦᠨᠳᠦᠷᠦᠯᠳᠡ ᠶᠢᠨ ᠦᠢᠯᠡᠴᠢᠯᠡᠯ ᠳᠣᠣᠷ᠎ᠠ ᠬᠢᠬᠦ ᠬᠥᠳᠡᠯᠭᠡᠭᠡᠨ ::

2. ᠬᠡᠪᠲᠡᠭᠡ ᠰᠢᠳᠦᠯᠲᠡ ᠶᠢᠨ ᠬᠥᠳᠡᠯᠭᠡᠭᠡᠨ ᠦ ᠰᠢᠨᠵᠢ : ᠬᠤᠷᠳᠤᠳᠬᠠᠯ ᠨᠢ ᠲᠣᠭᠲᠠᠮᠠᠯ ᠮᠤᠷᠤᠢ ᠱᠤᠭᠤᠮ ᠤᠨ ᠬᠥᠳᠡᠯᠭᠡᠭᠡᠨ᠂ ᠲᠡᠭᠦᠨ ᠦ ᠵᠢᠮ ᠨᠢ ᠫᠠᠷᠠᠪᠣᠯ (ᠪᠣᠯᠪᠠᠰᠤᠷᠠᠭᠤᠯᠬᠤ ᠢ 《 ᠮᠠᠲ᠋ᠧᠮᠠᠲ᠋ᠢᠭ 》 ᠡᠴᠡ ᠦᠵᠡ) ::

3. ᠬᠡᠪᠲᠡᠭᠡ ᠰᠢᠳᠦᠯᠲᠡ ᠶᠢᠨ ᠬᠥᠳᠡᠯᠭᠡᠭᠡᠨ ᠦ ᠳᠦᠷᠢᠮ : ᠬᠡᠪᠲᠡᠭᠡ ᠰᠢᠳᠦᠯᠲᠡ ᠶᠢ ᠬᠡᠪᠲᠡᠭᠡ ᠴᠢᠭᠯᠡᠯ ᠦᠨ ᠵᠢᠬᠡᠳ ᠬᠥᠳᠡᠯᠭᠡᠭᠡᠨ ᠪᠠ ᠪᠣᠰᠤᠭ᠎ᠠ ᠴᠢᠭᠯᠡᠯ ᠦᠨ ᠴᠢᠯᠦᠭᠡᠲᠡᠢ ᠤᠨᠠᠯᠲᠠ ᠶᠢᠨ ᠬᠥᠳᠡᠯᠭᠡᠭᠡᠨ ᠤ ᠨᠡᠶᠢᠯᠡᠯᠲᠡ ᠭᠡᠵᠦ ᠦᠵᠡᠵᠦ ᠪᠣᠯᠤᠨ᠎ᠠ᠂ ᠲᠣᠭᠠᠴᠠᠯᠠᠯ (ᠵᠢᠷᠤᠭ 5—17 ᠢ ᠦᠵᠡ) ::

ᠬᠥᠳᠡᠯᠭᠡᠭᠡᠨ ᠦ ᠲᠥᠷᠥᠯ	ᠬᠤᠷᠳᠤᠳᠬᠠᠯ	ᠬᠤᠷᠳᠤᠴᠠ	ᠱᠢᠯᠵᠢᠯᠲᠡ
ᠬᠡᠪᠲᠡᠭᠡ ᠴᠢᠭᠯᠡᠯ (x ᠲᠡᠩᠭᠡᠯᠢᠭ) ᠤᠨ ᠬᠥᠳᠡᠯᠭᠡᠭᠡᠨ — ᠵᠢᠬᠡᠳ ᠬᠥᠳᠡᠯᠭᠡᠭᠡᠨ	$a_x=0$	$v_x=v_0$	$x=v_0 t$
ᠪᠣᠰᠤᠭ᠎ᠠ ᠴᠢᠭᠯᠡᠯ (y ᠲᠡᠩᠭᠡᠯᠢᠭ) ᠤᠨ ᠬᠥᠳᠡᠯᠭᠡᠭᠡᠨ — ᠴᠢᠯᠦᠭᠡᠲᠡᠢ ᠤᠨᠠᠯᠲᠠ ᠶᠢᠨ ᠬᠥᠳᠡᠯᠭᠡᠭᠡᠨ	$a_y=g$	$v_y=gt$	$y=\frac{1}{2}gt^2$



ᠵᠢᠷᠤᠭ 5—17

[illegible]	[illegible]	[illegible] $a_n = g$ [illegible]	$\frac{gt}{v_0}$ [illegible] $\tan\beta = \frac{v_y}{v_x} =$ [illegible] β [illegible] v_0 [illegible] $v_t = \sqrt{v_x^2 + v_y^2}$	$\frac{gt}{2v_0}$ [illegible] $\tan\alpha = \frac{y}{x} =$ [illegible] α [illegible] x [illegible] $s = \sqrt{x^2 + y^2}$

[illegible]

1. [illegible]

2. [illegible]

3. [illegible] :

(1) [illegible] $t = \sqrt{2h/g}$,

[illegible] t [illegible] $x = v_0 t$, [illegible] $y = \frac{1}{2} gt^2$, t [illegible] $y = \frac{g}{2v_0^2} x^2$, [illegible]

(2) [illegible] $x = v_0 t = v_0 \sqrt{2h/g}$, [illegible] h [illegible]

(3) [illegible] $v_t = \sqrt{v_0^2 + (gt)^2} = \sqrt{v_0^2 + 2gt}$, [illegible] v_0 [illegible] h [illegible]

(4) [illegible] $\tan\theta = gt/v_0$, [illegible] h [illegible] θ [illegible]

(5) [illegible] θ [illegible] φ [illegible]

(6) $a = \Delta v / t$ [illegible] t [illegible] $\Delta v = gt$, [illegible]

[illegible]

【 [illegible] 1 】 [illegible] 1s [illegible] 5 [illegible] ( )

A. [illegible]

B. [illegible]

C. [illegible]

D. [illegible]

[illegible]

[illegible]

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