Quiz #1

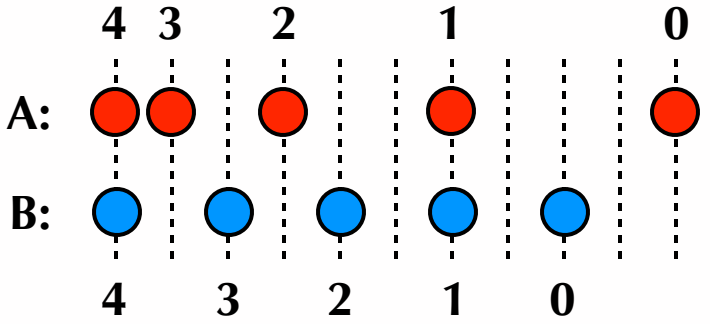
1. The sum of these two vectors points

A) ↑ B) → C) ↓ D) ←

For the following questions, refer to the motion diagram shown to the right, which shows the motions of two balls. The dashed lines are 10cm apart, and the times are in seconds.

2. Ball A is

A) moving to the right, and speeding up
B) moving to the right, and slowing down
C) moving to the left, and speeding up
D) moving to the left, and slowing down



3. Is Ball A accelerating?

A) no B) yes, to the left C) yes, to the right

4. When are the two balls moving at the same speed?

A) never B) at 1s C) between 1s and 2s D) between 2s and 3s

5. The difference Δv between v_i and v_f points…

A) ↑ B) → C) ↓ D) ←

6. In scientific notation, 0.034 is

A) 3.4×10^{3} B) 3.4×10^{2} C) 3.4×10^{0}
D) 3.4×10^{-1} E) 3.4×10^{-2} F) 3.4×10^{-3}

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DDCDBE

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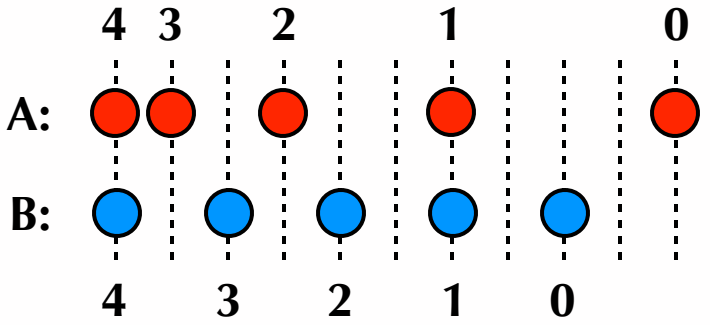

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