Announcements

Read 2.3

Group tomorrow Lecture on clp 1

Clickers today (Do not Lount)

1 webassign set available (10 pts)
Intro (0 pts)



arrive at your destination, the distance you have traveled will always be: You walk from one place to another place. When you

- A) greater than
- B) equal to
- C) smaller than
- either greater than or equal to
- either smaller than or equal to

your displacement from your initial position.

Problem: If you run for 43 minutes at an average speed of

2.22 m/s. How far will you run?

distance? What principle and equation relates average speed to

Problem: You drive from Norman to Enid, a distance of 117 miles, in exactly 2 hours. Then you drive from Enid to Stillwater, a distance of 65 miles in 63 minutes.

- a) What was your average speed from Norman to Enid?
- b) What was your average speed from Enid to Stillwater?
- c) What was your average speed for the whole trip?

C) Total distance = 117 m;
$$+ 65 \text{ m} = 182 \text{ m}$$
.

First time = $211 + 1.05 \text{ h} = 3.05 \text{ h}$.

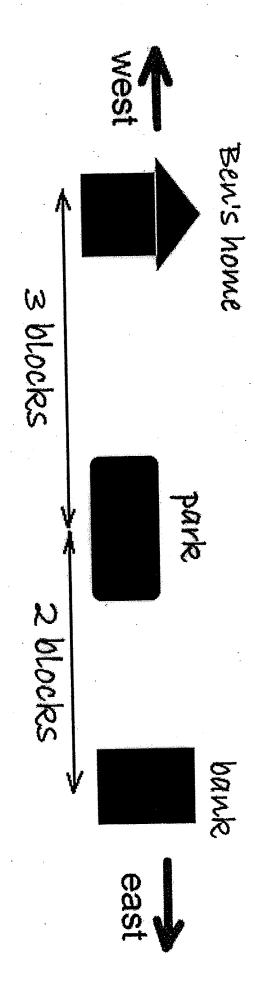
 $5 = \frac{1829 \text{ m}}{3.05 \text{ h}} = \frac{59.7 \text{ m}}{3.05 \text{ h}}$.

Average $\frac{58.3 + 61.7}{2}$.

160.2 xi/k



home in a total of 30 minutes. What is his average speed? Ben leaves his home and walks to the bank, then back



- A) 0 blocks/min
- B) 1/3 block/min
- C) 1/6 block/min
- D) 2/15 block/min
- E) 10 blocks/min



instantaneous? Can the average speed ever be the same as the

- A) No.
- B) Yes, it is always the same.
- C) Yes, if the speed never changes.

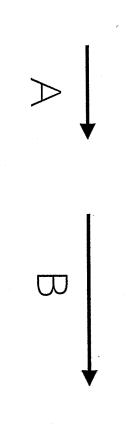


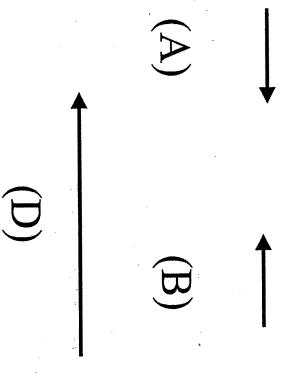
- Which of the following is a vector quantity?
- A) The age of the earth.
- B) The mass of a football.
- The earth's pull on your body.
-) The temperature of an iron bar
- E) The number of people attending an OU football

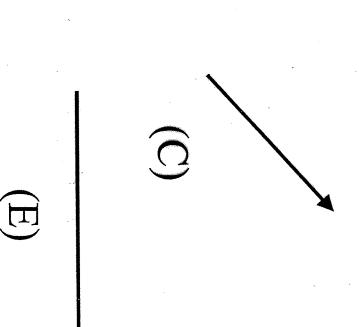
Vectors A and B are shown. Which vector best represents



A + B?

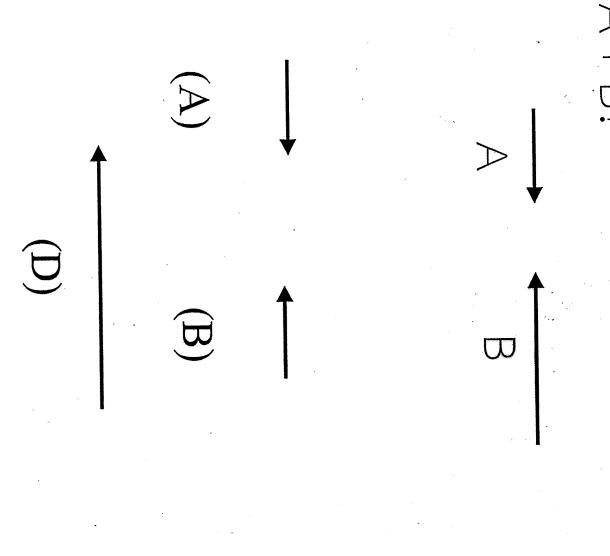








A + B? Vectors A and B are shown. Which vector best represents

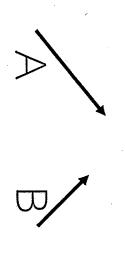


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Vectors A and B are shown below



Which diagram below correctly shows the vector C,



