Science 10: Introduction to Distance (d) and Displacement ()

A B

10cm

C D

30cm

1. Find the distance (d) and displacement () for each of the following motions. Give Directions as UP, DOWN, RIGHT or LEFT where appropriate.

a. A to B

b. B to A

c. A to C

d. C to A

e. B to D

f. D to B

g. C to D

h. D to C

i. A to B to D to C

j. B to D to C to A

k. A to B to D to B to A

l. B to D to B to D to C to D to C to A

\*m. C to D to B

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j. B to D to C to A

k. A to B to D to B to A

l. B to D to B to D to C to D to C to A

\*m. C to D to B