Science 10: Introduction to Distance (d) and Displacement ($\rightharpoonaccent{d}$)

 A B

 10cm

 C D

 30cm

1. Find the distance (d) and displacement ($\vec{d}$) 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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 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