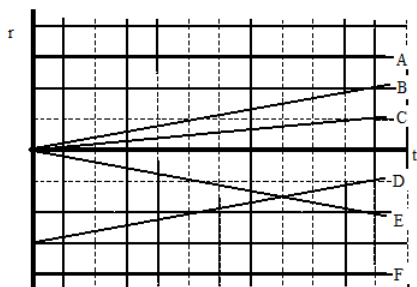


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Below are position vs. time graphs for six different objects.



a. Rank these graphs on the basis of the velocity of the object. Rank positive velocities as larger than negative velocities.

Largest 1. ____ 2. ____ 3. ____ 4. ____ 5. ____ 6. ____ Smallest

____ The ranking can not be determined based on the information provided.

Explain the reason for your ranking:

b. Rank these graphs on the basis of the acceleration of the object. Rank positive accelerations as larger than negative accelerations.

Largest 1. ____ 2. ____ 3. ____ 4. ____ 5. ____ 6. ____ Smallest

____ The ranking can not be determined based on the information provided.

Explain the reason for your ranking:

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