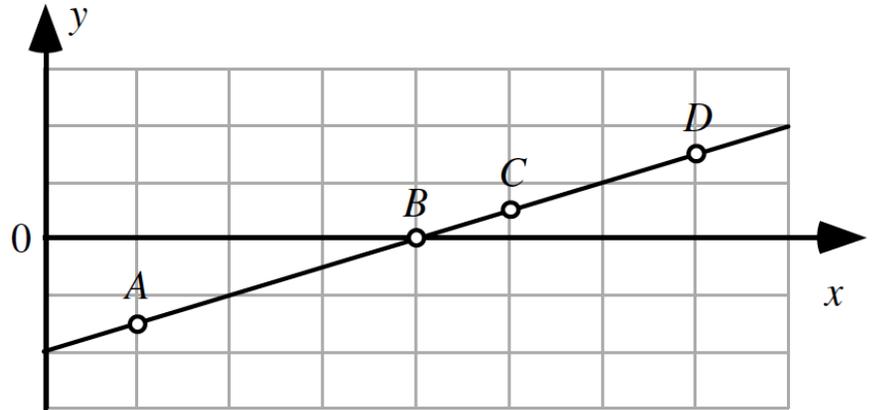


AP Physics 1
Graphing Exercise 1

Name: _____

Period: _____

Four points are labeled on a line.



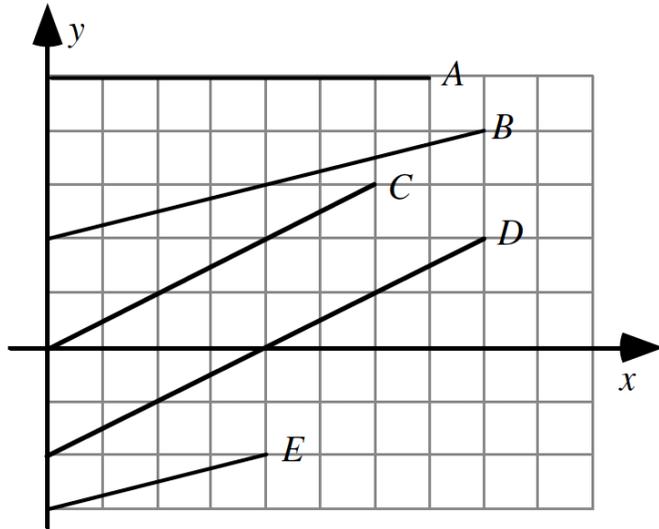
Rank the magnitudes (sizes) of the slopes of the line at the labeled points.

| | | | | | | | |
|--|---|---|-------|----|--|----------|------------------|
| In the yellow spaces below, type the letters in order if there is a ranking. | | | | OR | If there is no possible ranking, indicate the reason by placing an "X" above the appropriate answer. | | |
| | | | | | | | |
| 1 | 2 | 3 | 4 | | All the same | All Zero | Cannot Determine |
| Greatest | | | Least | | | | |

Explain your reasoning!

| |
|--|
| Point --Answer the QUESTION! |
| |
| Evidence --What evidence do you have that answers the question? |
| |
| Explanation --How does your evidence support your point? |
| |

Shown are several lines on a graph.



Rank the slopes of the line on this graph.

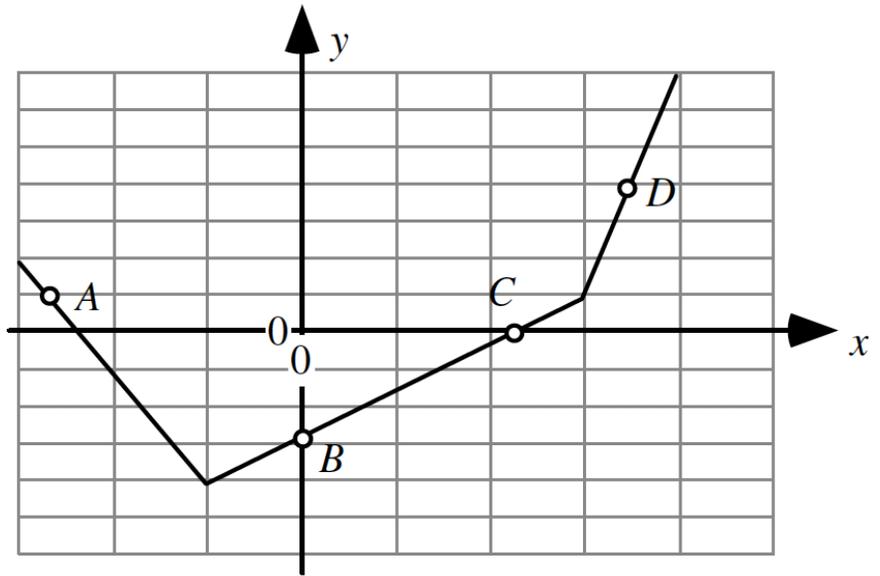
| | | | | | | | | |
|--|---|---|---|-------|----|--|----------|------------------|
| In the yellow spaces below, type the letters in order if there is a ranking. | | | | | OR | If there is no possible ranking, indicate the reason by placing an "X" above the appropriate answer. | | |
| | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | | All the same | All Zero | Cannot Determine |
| Greatest | | | | Least | | | | |

Explain your reasoning!

| |
|--|
| Point --Answer the QUESTION! |
| |
| Evidence --What evidence do you have that answers the question? |
| |
| Explanation --How does your evidence support your point? |
| |

A1-RT03 and A1-RT04

Four points are labeled on a graph.



Rank the magnitudes (sizes) of the slopes of the graph at the labeled points.

| | | | | | | | |
|--|---|---|-------|----|--|----------|------------------|
| In the yellow spaces below, type the letters in order if there is a ranking. | | | | OR | If there is no possible ranking, indicate the reason by placing an "X" above the appropriate answer. | | |
| | | | | | | | |
| 1 | 2 | 3 | 4 | | All the same | All Zero | Cannot Determine |
| Greatest | | | Least | | | | |

Rank the slopes of the graph at the labeled points.

| | | | | | | | |
|--|---|---|-------|----|--|----------|------------------|
| In the yellow spaces below, type the letters in order if there is a ranking. | | | | OR | If there is no possible ranking, indicate the reason by placing an "X" above the appropriate answer. | | |
| | | | | | | | |
| 1 | 2 | 3 | 4 | | All the same | All Zero | Cannot Determine |
| Greatest | | | Least | | | | |

Why are your answers different?

Explain your reasoning!

Point--Answer the QUESTION!

Evidence--What evidence do you have that answers the question?

Explanation--How does your evidence support your point?