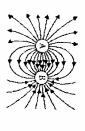
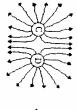
# Subject 12 Electric Field Lines

SEI2 Fleettie Field Lines

commas or spaces between letters. are charged positively? List all that apply in alphabetical order with no Consider field lines surrounding objects A-E below. Which of these objects







Electric FleM Lines

commas or spaces between letters. are charged negatively? List all that apply in alphabetical order with no Consider field lines surrounding objects A-E below. Which of these objects





charges. Which diagram(s) correctly represent two like-charged objects? List all that apply with no commas or spaces between letters. The three diagrams below represent electric field lines for a configuration of

















charges. Which diagram(s) correctly represent two oppositely-charged The three diagrams below represent electric field lines for a configuration of objects? List all that apply with no commas or spaces between letters.









# SE12 Electric Field Lines

S

Electric field lines have a distinct direction. In general, electric field lines commas or spaces between letters. can be directed ... List the three that apply in alphabetical order with no

- from a charge to a + charge
- from a + charge to a charge
- from a + charge to a + charge from a - charge to a - charge
- from infinity to a + charge
- f. from infinity to a charge
- from a + charge to infinity
- from a charge to infinity

#### SE12 Bectric Field Lines

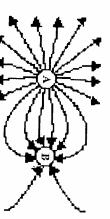
9

Electric field lines for charges A and B are shown below. Which of the alphabetical order with no commas or spaces between letters. following statements is/are consistent with the diagram. List all that apply in

- a. A is and B is +
- A is + and B is  $\cdot$
- Both A and B are
- c. B has more charge than A

Both A and B are +

- A has more charge than B
- The charge of A and B are the same.



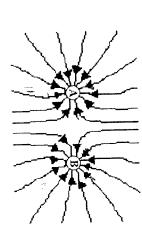




#### Electric Field Lines

following statements is/are consistent with the diagram. List all that apply in Electric field lines for charges A and B are shown below. Which of the alphabetical order with no commas or spaces between letters.

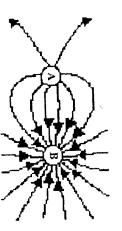
- A has more charge than B
- Both A and B are -B has more charge than A
- Both A and B are + A is + and B is -
- A is and B is +
- The charge of A and B are the same.



#### SE12 Electric Field Lines

alphabetical order with no commas or spaces between letters. Electric field lines for charges A and B are shown below. Which of the following statements is/are consistent with the diagram. List all that apply in

- B has more charge than A
- A has more charge than B
- Both A and B are +
- Both A and B are .
- A is and B is +
- A is + and B is -
- The charge of A and B are the same.

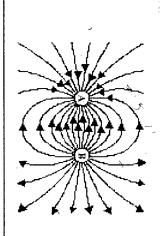




## SEL: Electric Field Lines

Electric field lines for charges A and B are shown below. Which of the alphabetical order with no commas or spaces between letters. following statements is/are consistent with the diagram. List all that apply in

- A has more charge than B
- b. B has more charge than A
- Both A and B are + Both A and B arc .
- A is + and B is .
- A is and B is +
- The charge of A and B are the same.





### SELL Heerric Field Lines

these two charges is 10 N/C, directed leftward. This provides evidence that field. The electric field strength at the point precisely midway between Two positively-charged objects A and B are charged and create an electric

- the quantity of charge on A is equal to the quantity of charge on B
- the quantity of charge on A is less than the quantity of charge on B
- c. the quantity of charge on A is greater than the quantity of charge on B
- d. ... nonsensel This could never be possible. The E is 0 N/C at the
- None of these apply.



E=10 N/C

