Orchestra String-Crossing Map

Count changes between strings in a written route.

Name _____ Date _____

Use violin strings in low-to-high order G-D-A-E. A crossing occurs whenever consecutive events use different strings. Count changes, not bow strokes; no bow direction is specified.

Label	Reference model
A	D - D - A - A - D
B	G - D - A - E - E
C	A - E - A - D - G
D	G - G - G - G - G

Use the model above. Write a brief answer for each item.

1. How many string changes occur in route A?

2. How many string changes occur in route B?

3. How many string changes occur in route C?

4. How many string changes occur in route D?

5. Which routes use all four strings? List all.

6. In route A, which event first changes string?

7. In route C, is E to A a move toward a lower or higher string?

8. Can you infer the number of bow strokes from these routes?

Orchestra String-Crossing Map

Count changes between strings in a written route.

Name _____ Date _____

Use violin strings in low-to-high order G-D-A-E. A crossing occurs whenever consecutive events use different strings. Count changes, not bow strokes; no bow direction is specified.

Label	Reference model
A	D - D - A - A - D
B	G - D - A - E - E
C	A - E - A - D - G
D	G - G - G - G - G

Use the model above. Write a brief answer for each item.

1. How many string changes occur in route A?

2

2. How many string changes occur in route B?

3

3. How many string changes occur in route C?

4

4. How many string changes occur in route D?

0

5. Which routes use all four strings? List all.

B and C.

6. In route A, which event first changes string?

Event 3: D changes to A.

7. In route C, is E to A a move toward a lower or higher string?

Toward a lower string.

8. Can you infer the number of bow strokes from these routes?

No. Bow grouping is not specified.