Orchestra Tuning Evidence

Read tuner evidence without confusing pitch and volume.

Name _____ Date _____

For this paper task, the tuner is set to the intended note and reference. Negative cents = flat; positive cents = sharp; 0 = matching the target. Use absolute distance from 0 to compare closeness.

Label	Reference model
A	-12 cents
B	+5 cents
C	0 cents
D	+18 cents

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

1. Which sample is flat?

2. Which samples are sharp?

3. Which sample matches the tuner target?

4. Which sample is farthest from the target?

5. Which is closer to target: A or B?

6. Sample A changes to -3 cents. Is it closer to target?

7. Does +18 cents mean louder than the others?

8. Can these four readings alone prove an ensemble blends well?

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

1. Which sample is flat?

A.

2. Which samples are sharp?

B and D.

3. Which sample matches the tuner target?

C.

4. Which sample is farthest from the target?

D: 18 cents away.

5. Which is closer to target: A or B?

B: 5 cents away versus 12.

6. Sample A changes to -3 cents. Is it closer to target?

Yes. Its distance falls from 12 to 3 cents.

7. Does +18 cents mean louder than the others?

No. Cents describe pitch difference, not loudness.

8. Can these four readings alone prove an ensemble blends well?

No. Blend and musical context also require listening.