

Name: _____ Date: _____

Use the words in the word box to complete the sentences.



Xylophones and glockenspiels have different sized _____. Each key produces notes of a different _____. Longer keys have a _____ pitch and shorter keys have a _____ pitch.

higher pitch lower keys

Using what you have found out about how the size of a key affects the pitch, decide which of these pairs of instruments would have the higher pitch.



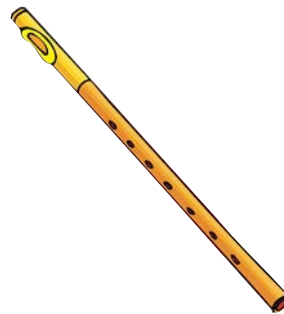
trumpet



trombone



flute



piccolo



cello



violin



snare drum

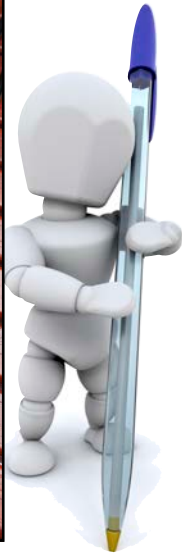


timpani



Name: _____ Date: _____

Describe how and why the pitch on a xylophone or glockenspiel changes in your own words:



Using what you have found out about how the size of a key affects the pitch, decide which of these pairs of instruments would have the highest pitch.



trumpet



trombone



Explain your choice:

flute



piccolo



Explain your choice:

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P I T C H



Why is it important for instruments to have different pitches?

Draw a diagram to show how the pitch can change on a glockenspiel:

Why do you think the pitch changes as it does on a glockenspiel?

How do you change the pitch of other instruments?

How does the size of an instrument generally affect its pitch and why?