If the triangles are ≅, write a congruence statement (e.g. ΔABC≅ΔEFG) and the congruence shortcut that applies. Also include additional marks on the diagram for congruent side or angle pairs that you used in your shortcut with a reason next to them as we did in class. If the triangles cannot be proven congruent write "none" and cross out the letter near the picture. Then unscramble the remaining letters to complete the hysterical riddle at the bottom of the page.

G

≅ Statement: _____

Shortcut: _____

Reason(s): _____

A

≅ Statement: _____

Shortcut: _____

Reason(s): _____

L

≅ Statement: _____

Shortcut: _____

Reason(s): _____

M

≅ Statement: _____

Shortcut: _____

Reason(s): _____

N

$\overline{AC} \cong \overline{DB}$

≅ Statement: _____

Shortcut: _____

Reason(s): _____

A

D is the midpoint of $\overline{AC}$.

≅ Statement: _____

Shortcut: _____

Reason(s): _____

P

≅ Statement: _____

Shortcut: _____

Reason(s): _____

I

≅ Statement: _____

Shortcut: _____

Reason(s): _____

T

≅ Statement: _____

Shortcut: _____

Reason(s): _____

E

≅ Statement: _____

Shortcut: _____

Reason(s): _____

O

$\overline{BD}$ bisects∠ADC.

≅ Statement: _____

Shortcut: _____

Reason(s): _____

R

≅ Statement: _____

Shortcut: _____

Reason(s): _____

What is the geometry teacher's favorite musical instrument?