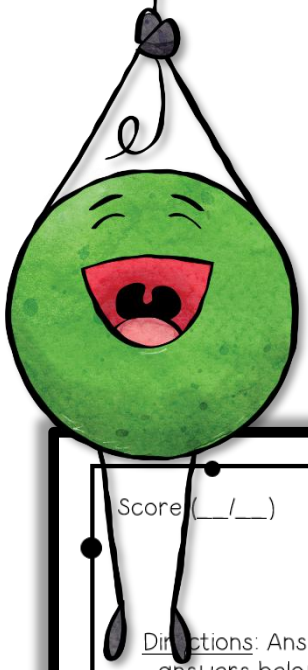
Congruence

Practice Worksheet



Score: (__/__)

Name: _____

Date: _____

Period: _____

Congruence
Worksheet Practice

Directions: Answer the following problems on congruence. Make sure to bubble in your answers below on each page so that you can check your work. Show all your work!

1 Determine the congruence theorem:

Two sides and the included angle are respectively equal

a.) SSS
b.) SAS
c.) ASA
d.) AAS
e.) HL

2 Determine the congruence theorem:

Two angles and a non-included side are respectively equal

f.) SSS
g.) SAS
h.) ASA
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3 Determine if the two triangles are congruent:

k.) Yes, SSS
l.) Yes, SAS
m.) Yes, ASA
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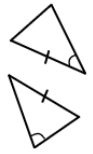

q.) Yes, SSS
r.) Yes, SAS
s.) Yes, ASA
t.) Yes, AAS
u.) Yes, HL
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5 Determine if the two triangles are congruent:

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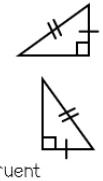

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ii.) Yes, SSS
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kk.) Yes, ASA
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Answers

Bubble in your answers below for problems #1-7.

○ a	○ i	○ q	○ y	○ gg
○ b	○ j	○ r	○ z	○ hh
○ c	○ k	○ s	○ aa	○ ii
○ d	○ l	○ t	○ bb	○ jj
○ e	○ m	○ u	○ cc	○ kk
○ f	○ n	○ v	○ dd	○ ll
○ g	○ o	○ w	○ ee	○ mm
○ h	○ p	○ x	○ ff	○ nn

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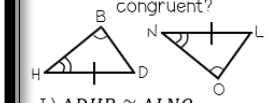
10 Which statement shows that the triangles are congruent?



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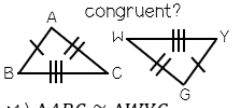

M.) $\Delta ABC \cong \Delta WYG$
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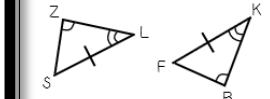

V.) $\angle L \cong \angle B$
W.) $SL \cong BF$
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Answers

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○ A	○ H	○ O	○ V
○ B	○ I	○ P	○ W
○ C	○ J	○ Q	○ X
○ D	○ K	○ R	
○ E	○ L	○ S	
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○ G	○ N	○ U	

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Great Practice!

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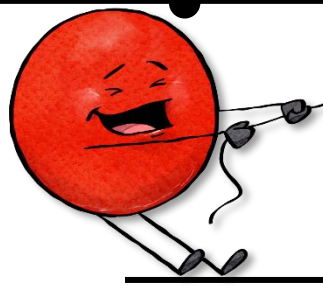

Teacher Notes

- Make sure that students bubble in their answers for the front page (#1-7) and the back page (#8-14). The bubbles allow students to check their answers and results in a more confident student. In addition, it makes it a lot easier for you to do a quick "checking for understanding" when you have the answer key and can compare the bubbles shaded in.
- Make sure that students show their work! Space is given so that students can demonstrate their knowledge of the concept. I do not give students credit if they do not show their work. Also, students need to give a nice reflection (2-3 sentences)!
- You can decide if you want to use the score in the top left.
- If you have any questions or concerns, please email me at mathindemand@hotmail.com.

Score (___/___)

Name: _____

Date: _____

Period: _____

Congruence

Worksheet Practice

Directions: Answer the following problems on congruence. Make sure to bubble in your answers below on each page so that you can check your work. Show all your work!

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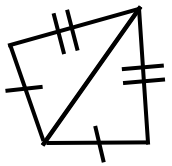

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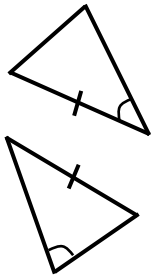

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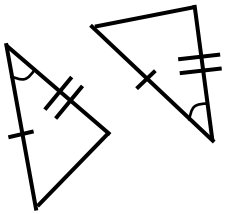

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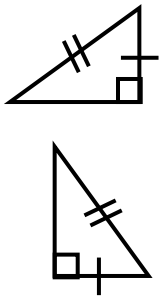

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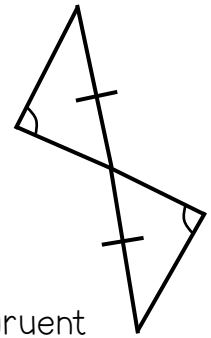

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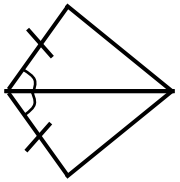

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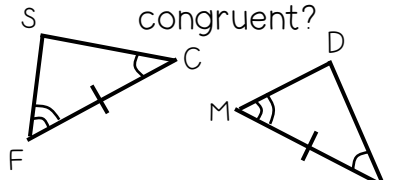

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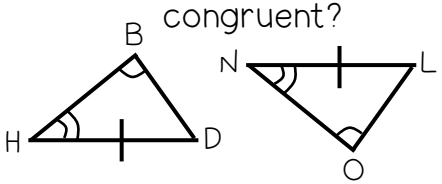

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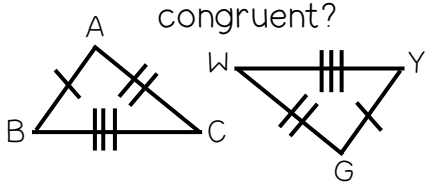

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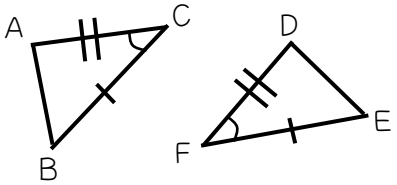

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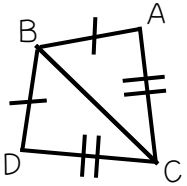

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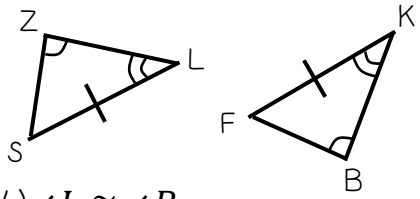

V.) $\angle L \cong \angle B$

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Answers

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○ C	○ J	○ Q	○ X
○ D	○ K	○ R	
○ E	○ L	○ S	
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Reflection: From this activity, I learned...

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Score (___/___)

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Worksheet Practice

ANSWER KEY

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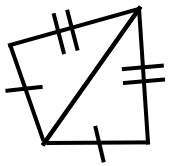

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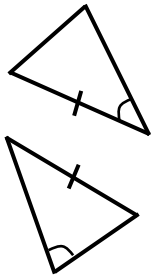

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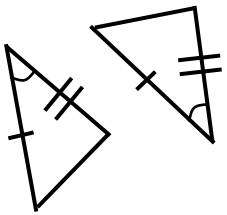

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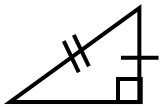

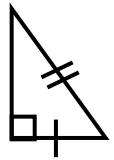

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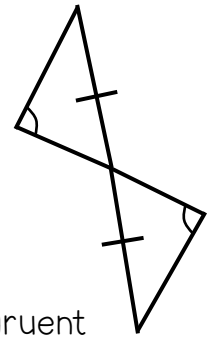

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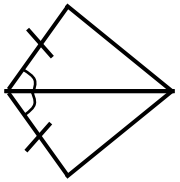

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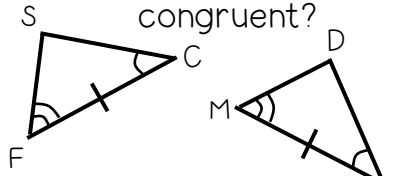

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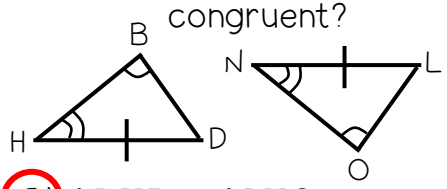

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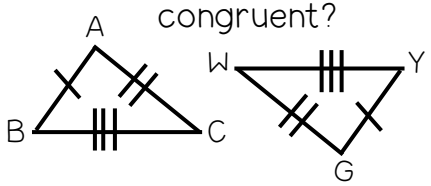

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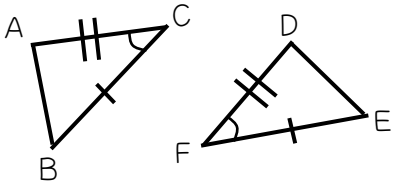

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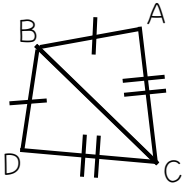

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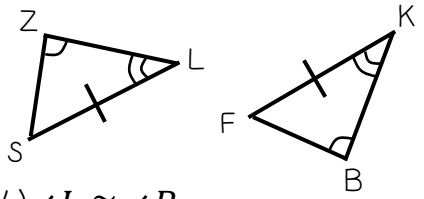

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○ D	○ K	○ R	
○ E	○ L	○ S	
○ F	○ M	○ T	
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Reflection: From this activity, I learned...

Answers will vary!

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Recommendations

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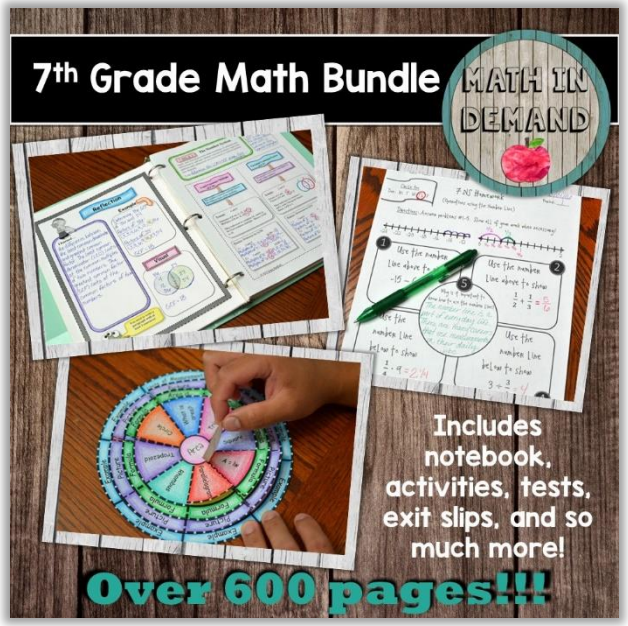

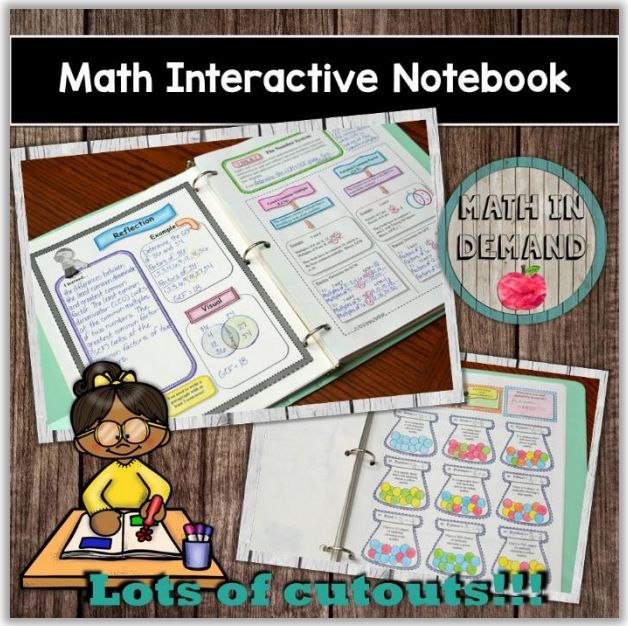

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