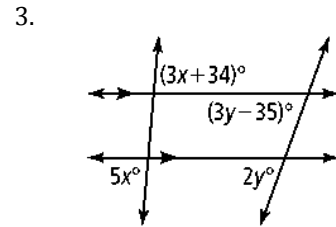
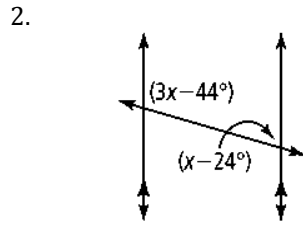
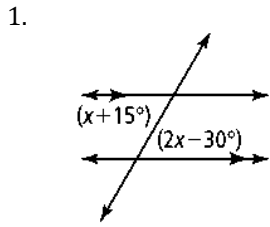


Math 3
Unit 6 Test Review (1)

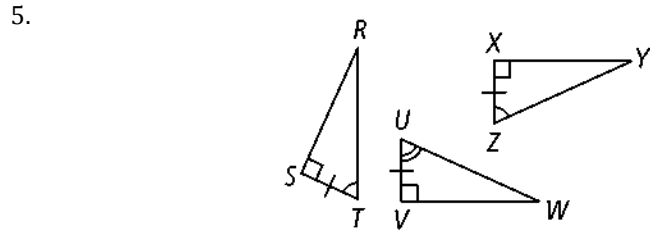
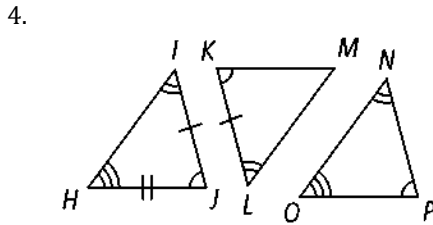
Name: _____

Date: _____

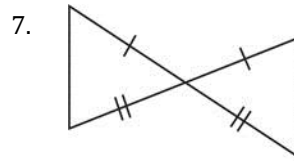
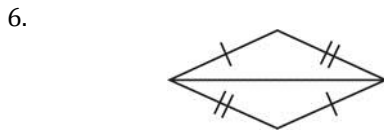
Directions: Find the value of each variable. Then find the measure of each labeled angle.



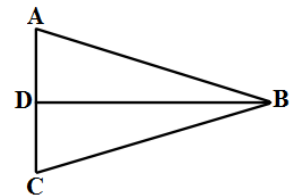
Directions: Name two triangles that are congruent by ASA.



Directions: Would you use SSS or SAS to prove these triangles congruent? If there is not enough information to prove the triangles congruent by SSS or SAS, write *not enough information*. Explain your answer.

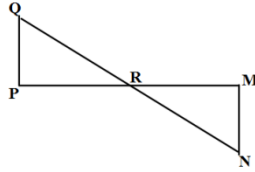


8. Given: \overline{BD} is the perpendicular bisector of \overline{AC}
Prove: $\triangle BAD \cong \triangle BCD$



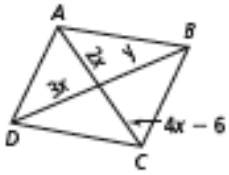
Statements	Reasons
1) \overline{BD} is the perpendicular bisector of \overline{AC} .	1) Given
2) $\overline{AD} \cong \overline{CD}$	2) Definition of segment bisector
3) $\angle ADB$ and $\angle CDB$ are right \sphericalangle .	3) Definition of perpendicular
4)	4)
5)	5)
6)	6)

- 9 Given: $\angle P$ and $\angle M$ are right angles.
 R is the midpoint of \overline{PM} .
 Prove: $\triangle PQR \cong \triangle MNR$

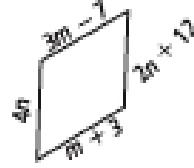


Directions: Find the values of the variables in each parallelogram (14 is a trapezoid)..

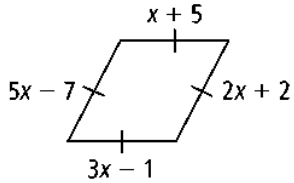
10.



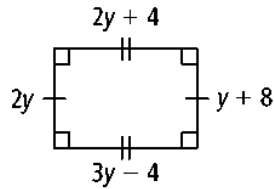
11.



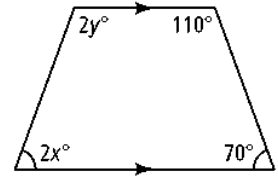
12.



13.

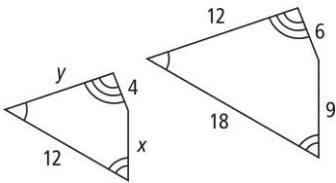


14.

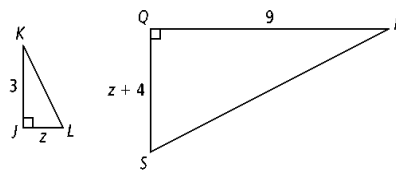


Directions: The polygons are similar. Find the value of each variable.

15.



16.



17.

