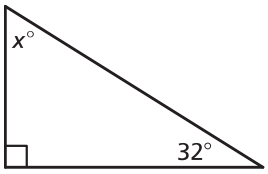
Name _____ Date _____

3.2 Practice

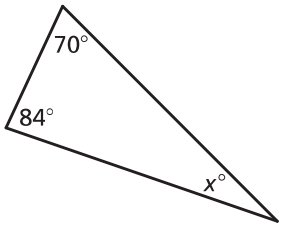
For use after Lesson 3.2

Find the measures of the interior angles.

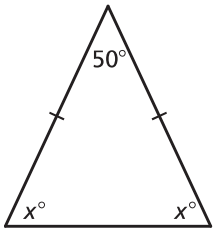
1.



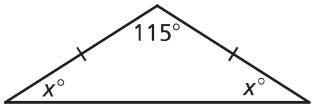
2.



3.

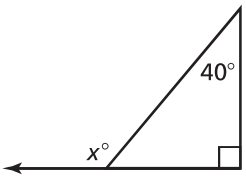


4.

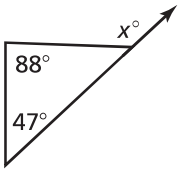


Find the measure of the exterior angle.

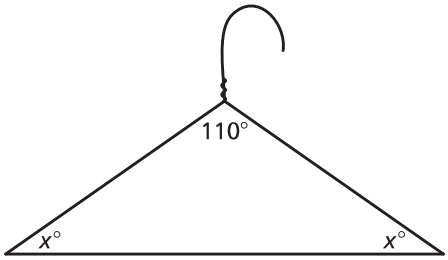
5.



6.



7. Find the value of x on the clothes hanger.



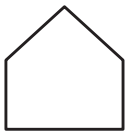
Name _____ Date _____

3.3 Practice

For use after Lesson 3.3

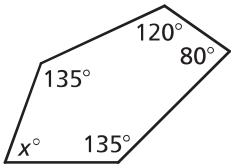
Find the sum of the interior angle measures of the polygon.

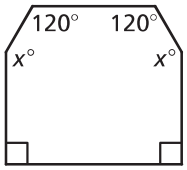
1. 

2. 

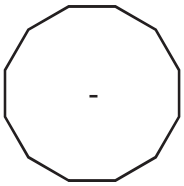
3. 

Find the measures of the interior angles.

4. 

5. 

Find the measure of each interior angle of the regular polygon.

6. 

7. 

8. In pottery class, you are making a pot that is shaped as a regular hexagon. What is the measure of each angle in the regular hexagon?

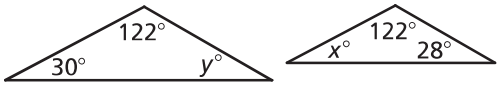
Name _____ Date _____

3.4 Practice

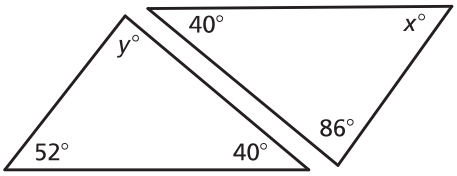
For use after Lesson 3.4

Tell whether the triangles are similar. Explain.

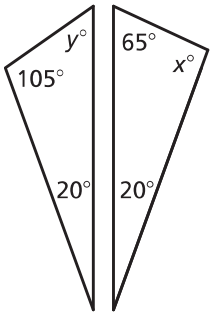
1.



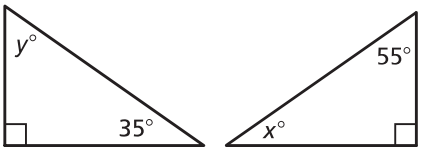
2.



3.



4.



5. You can use similar triangles to find the height of a tree. Triangle *ABC* is similar to triangle *DEC*. What is the height of the tree?