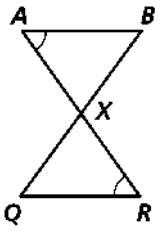
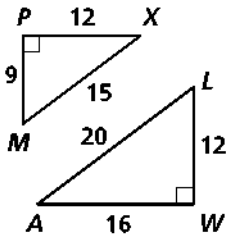
Name_____ Class_____ Date_____

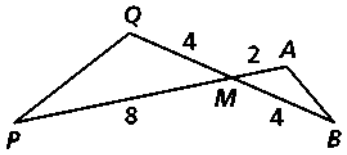
Practice 7-3

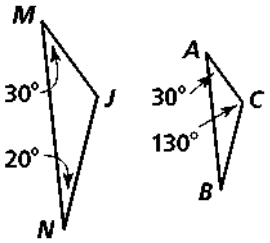
Proving Triangles Similar

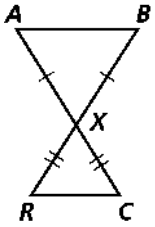
Explain why the triangles are similar. Write a similarity statement for each pair.

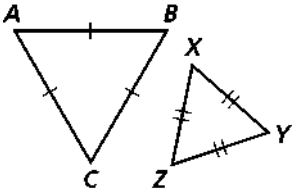
1. 

2. 

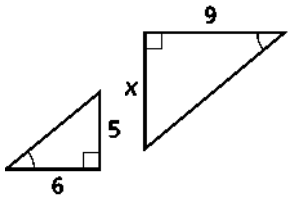
3. 

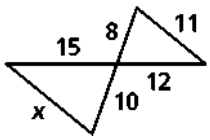
4. 

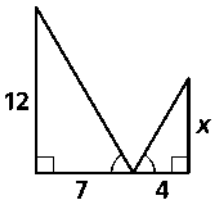
5. 

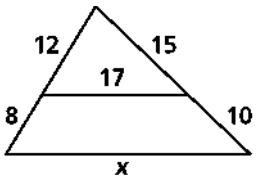
6. 

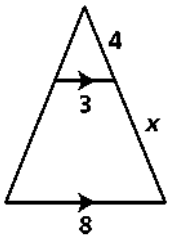
Algebra **Find the value of *x*.**

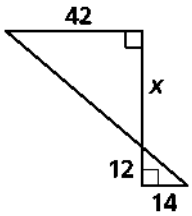
7. 

8. 

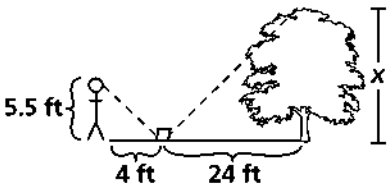
9. 

10. 

11. 

12. 

13. Natasha places a mirror on the ground 24 ft from the base of an oak tree. She walks backward until she can see the top of the tree in the middle of the mirror. At that point, Natasha's eyes are 5.5 ft above the ground, and her feet are 4 ft from the image in the mirror. Find the height of the oak tree.



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