

Name _____

Date _____



Practice

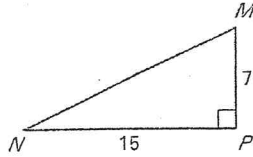
For use with pages 483-489

Use the diagram to find the indicated measurement. Round your answer to the nearest tenth.

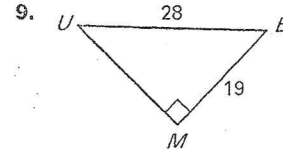
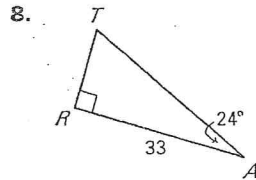
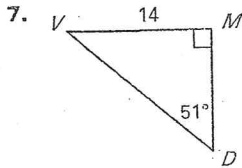
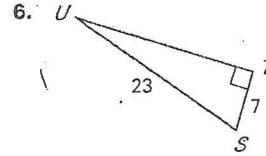
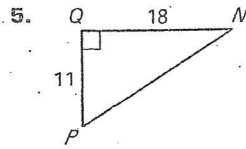
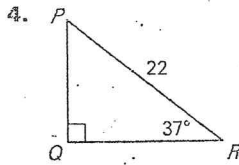
1. MN

2. $m\angle M$

3. $m\angle N$



Solve the right triangle. Round decimal answers to the nearest tenth.



Let $\angle A$ be an acute angle in a right triangle. Approximate the measure of $\angle A$ to the nearest tenth of a degree.

13. $\sin A = 0.36$

14. $\tan A = 0.8$

15. $\sin A = 0.27$

16. $\cos A = 0.35$

21. **Office Buildings** The angle of depression from the top of a 320 foot office building to the top of a 200 foot office building is 55° . How far apart are the buildings?

