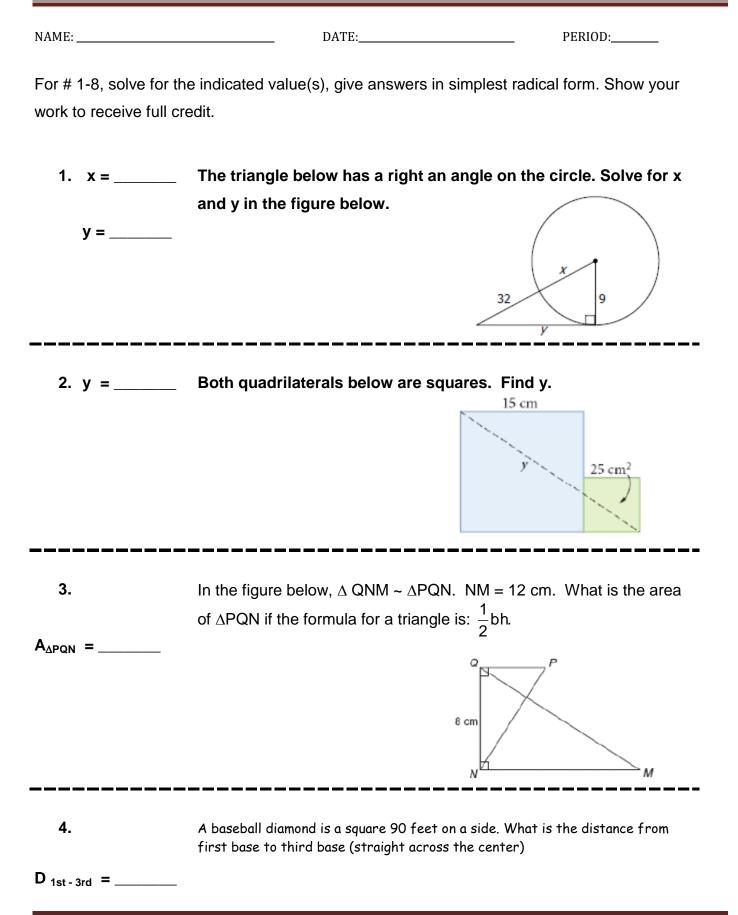
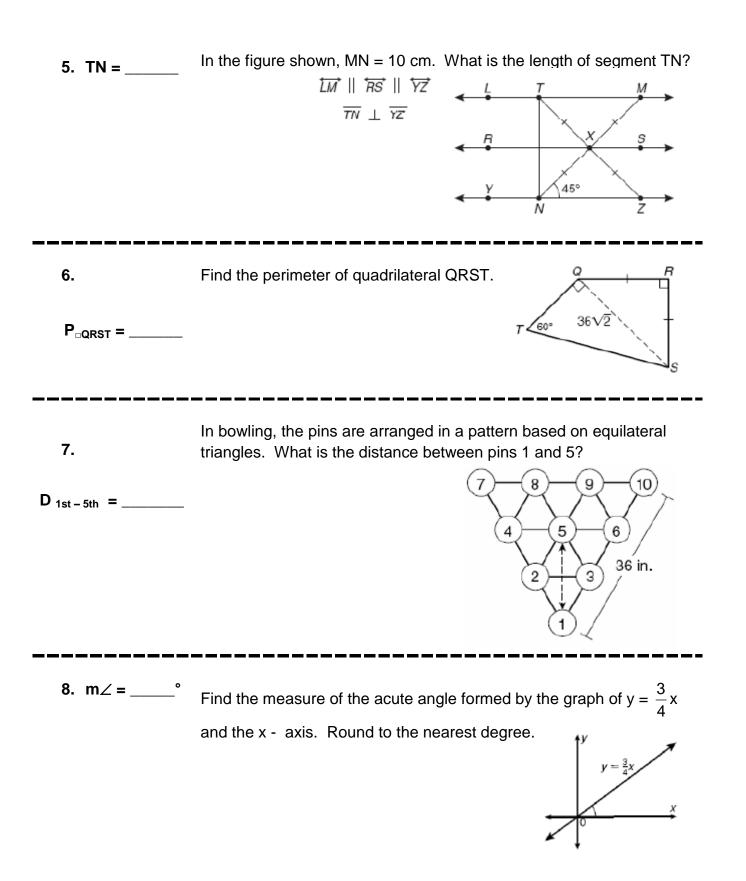
## Mixed Review: TRIGONOMETRY APPLICATION & RIGHT TRIANGLES

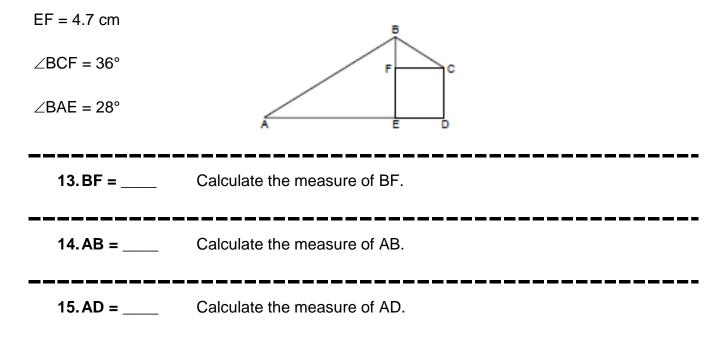




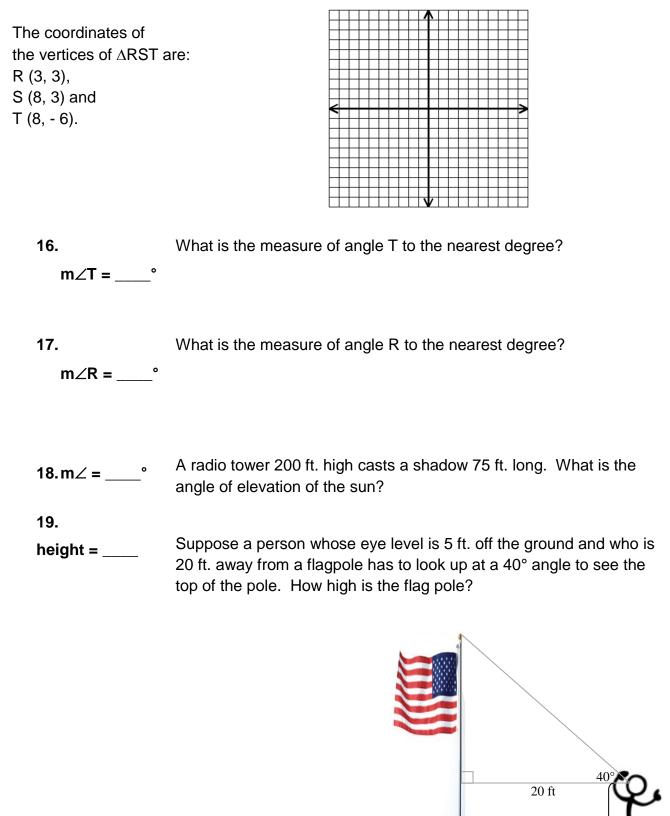
For # 9 - 12, use the diagram below to answer the indicated values. Quadrilateral ABCD is a square.

AP = 5 cm QC = 7 cm PB = 13 cm	
9. m∠x =°	Calculate the measure of the angle marked x.
10.AB =	Calculate the measure of AB.
11.DQ =	Calculate the measure of DQ.
12. m∠BQC =°	Calculate the measure of $\angle BQC$

For # 13 - 15, use the diagram below to answer the indicated values. Quadrilateral EFCD is a square.



For # 16 and 17, use the coordinate plane to find the indicated values.



5 ft