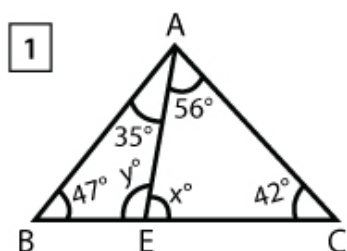


Name : _____

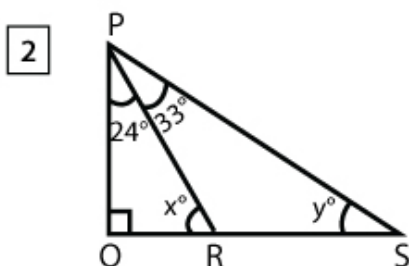
Score : _____ Date : _____

Angle Sum Theorem in Triangle Worksheet

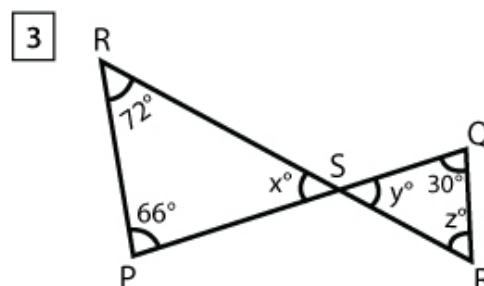
Find the value of each unknown angle.



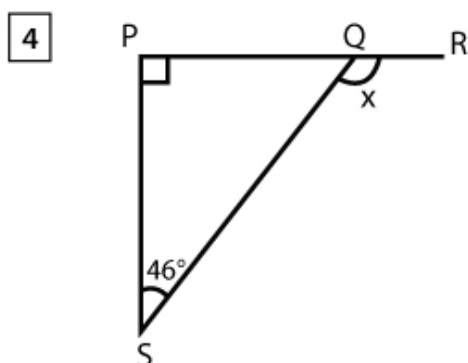
$\angle AEB = \underline{\hspace{2cm}}$
 $\angle AEC = \underline{\hspace{2cm}}$



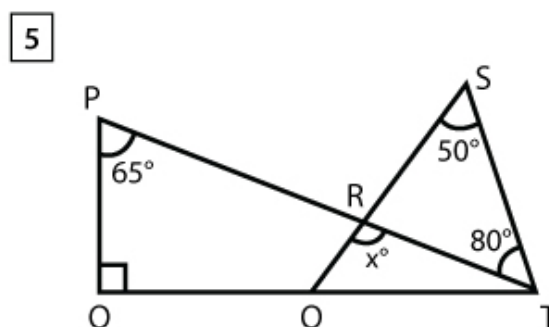
$\angle PRQ = \underline{\hspace{2cm}}$
 $\angle PSR = \underline{\hspace{2cm}}$



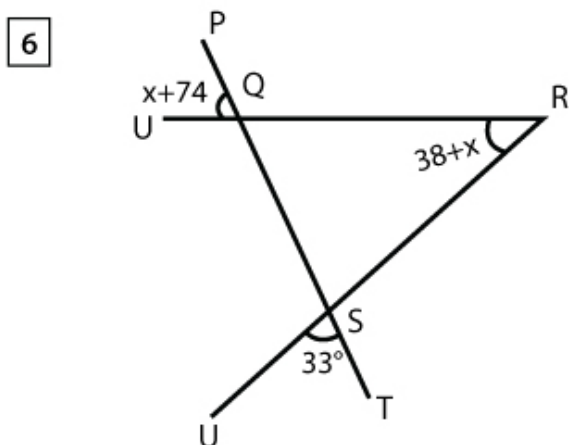
$\angle RSP = \underline{\hspace{2cm}}$
 $\angle QSR = \underline{\hspace{2cm}}$



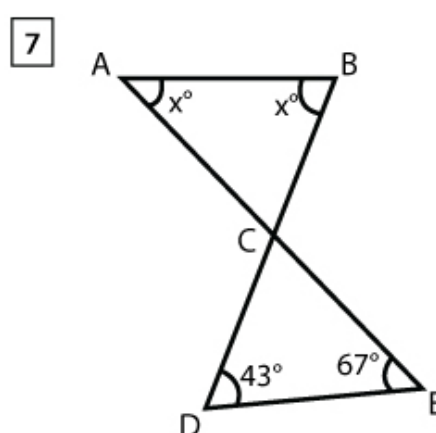
$\angle RQS = \underline{\hspace{2cm}}$



$\angle QRT = \underline{\hspace{2cm}}$



$\angle PQU = \underline{\hspace{2cm}}$
 $\angle QRS = \underline{\hspace{2cm}}$



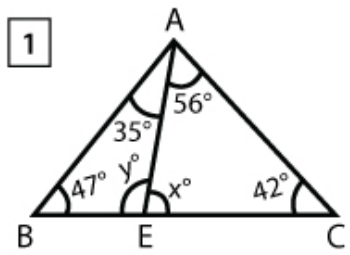
$\angle ABC = \underline{\hspace{2cm}}$
 $\angle BAC = \underline{\hspace{2cm}}$

Name : _____

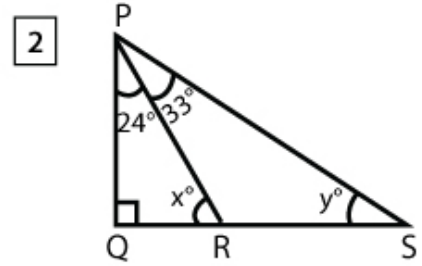
Score : _____ Date : _____

Angle Sum Theorem in Triangle Worksheet

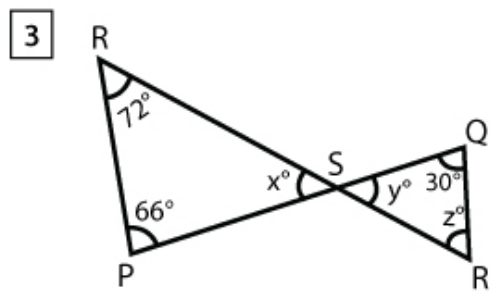
Answers



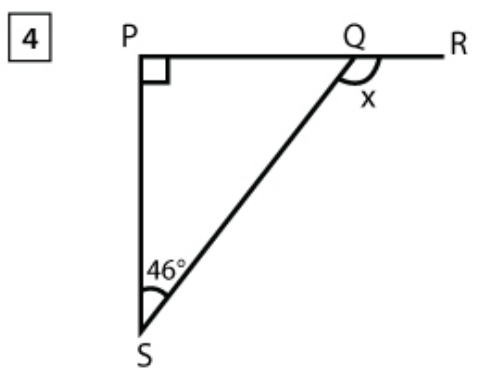
$\angle AEB = 98^\circ$
 $\angle AEC = 82^\circ$



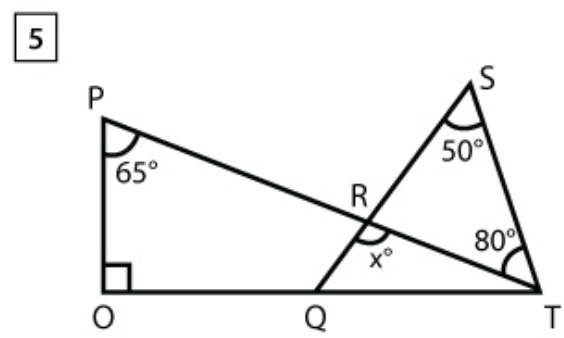
$\angle PRQ = 66^\circ$
 $\angle PSR = 33^\circ$



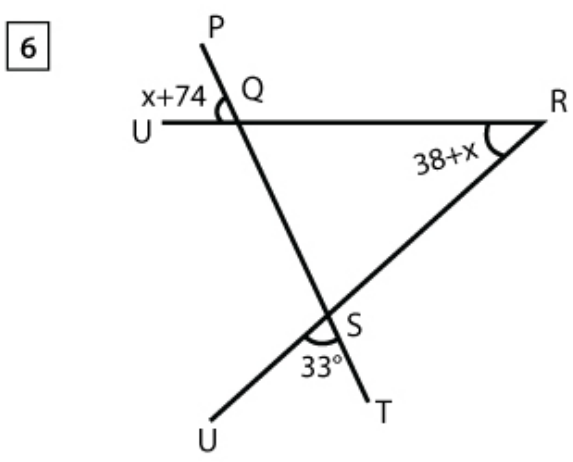
$\angle RSP = 42^\circ$
 $\angle QSR = 42^\circ$



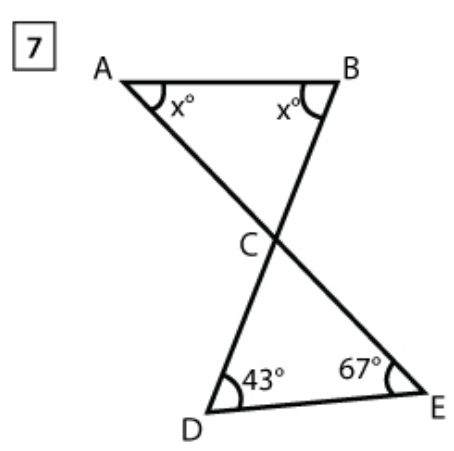
$\angle RQS = 136^\circ$



$\angle QRT = 130^\circ$



$\angle PQU = 56.5^\circ$
 $\angle QRS = 55.5^\circ$



$\angle ABC = 55^\circ$
 $\angle BAC = 55^\circ$