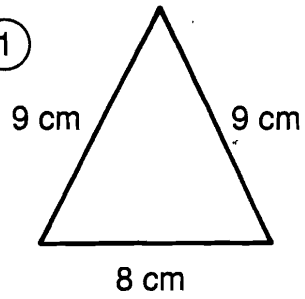
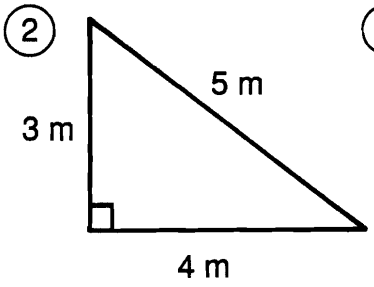
Name _____ Date _____ Period _____

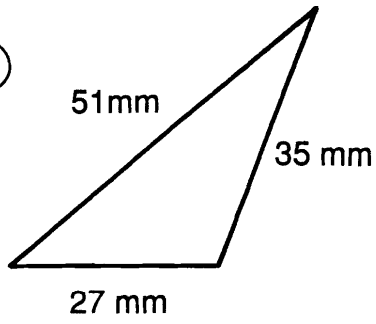
What Did the Boy Candy Say to the Girl Candy?

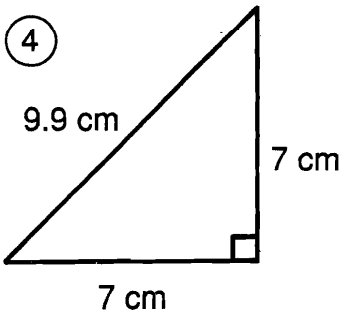
Do each exercise and find your answer in the set of answers to the right. Write the letter of the answer in each box containing the number of the exercise. If the answer has a ●, shade in each box containing that exercise number.

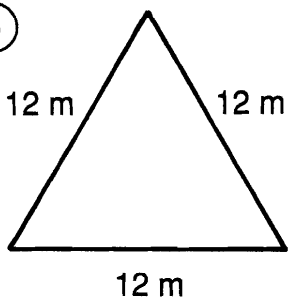
I. Classify each triangle two ways.

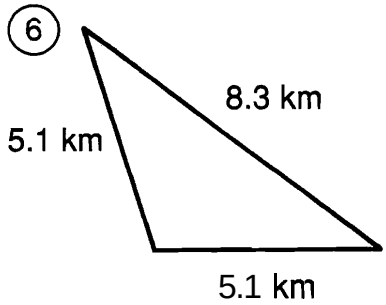
(1) 

(2) 

(3) 

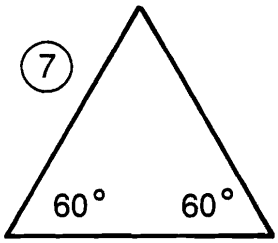
(4) 

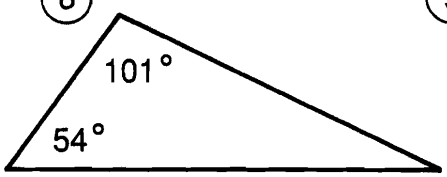
(5) 

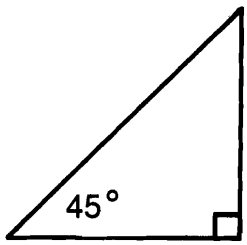
(6) 

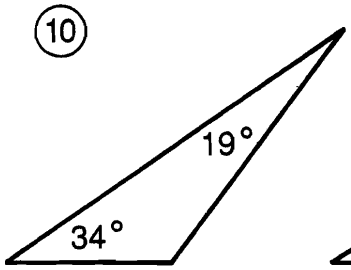
(S) acute; scalene
(I) acute; isosceles
(H) acute; equilateral
(O) right; scalene
(M) right; isosceles
(A) obtuse; scalene
(F) obtuse; isosceles

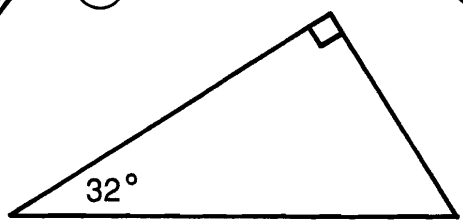
II. Find the measure of the third angle in each triangle.

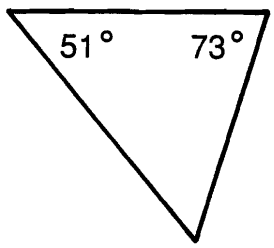
(7) 

(8) 

(9) 

(10) 

(11) 

(12) 

(R) 25°
● 116°
(E) 56°
(T) 127°
(W) 60°
(N) 30°
● 58°
(C) 45°
(L) 40°

(13) Two angles of a triangle have equal measures. If the third angle measures 120°, what is the measure of each of the equal angles?

7	12	11	3	8	12	11	4	1	13	10	11	6	2	8	11	12	3	9	5	11	2	10	5	12	8

What Do You Get When You,,,

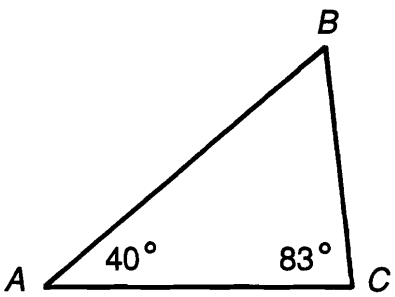
1. Cross two ducks with a match?

   Answer: $\frac{}{37^\circ}$ $\frac{}{57^\circ}$ $\frac{}{99^\circ}$ $\frac{}{67^\circ}$ $\frac{}{104^\circ}$ $\frac{}{76^\circ}$ $\frac{}{59^\circ}$ $\frac{}{113^\circ}$ $\frac{}{42^\circ}$ $\frac{}{53^\circ}$ $\frac{}{67^\circ}$ $\frac{}{99^\circ}$ $\frac{}{18^\circ}$

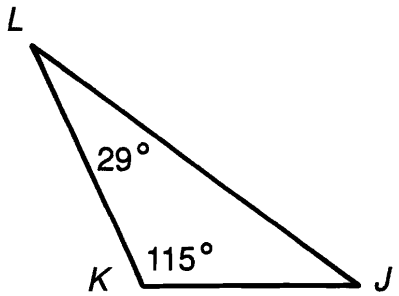
2. Cross a stick of dynamite with a lemon pie?

   Answer: $\frac{}{113^\circ}$ $\frac{}{68^\circ}$ $\frac{}{63^\circ}$ $\frac{}{34^\circ}$ $\frac{}{34^\circ}$ $\frac{}{54^\circ}$ $\frac{}{38^\circ}$ $\frac{}{54^\circ}$ $\frac{}{67^\circ}$ $\frac{}{99^\circ}$ $\frac{}{57^\circ}$ $\frac{}{90^\circ}$ $\frac{}{36^\circ}$ $\frac{}{59^\circ}$ $\frac{}{67^\circ}$

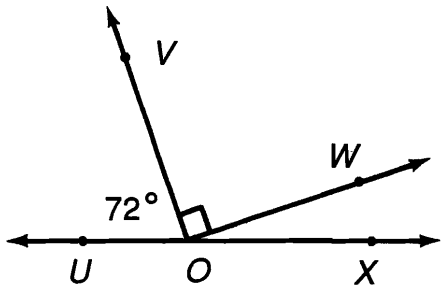
Find the angle measures indicated. Look for each answer in the code. Each time the answer appears, write the letter of the exercise above it.



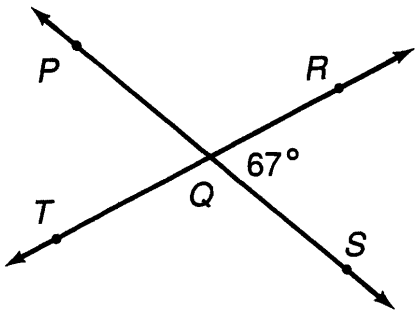
(I) $m\angle B =$



(G) $m\angle J =$

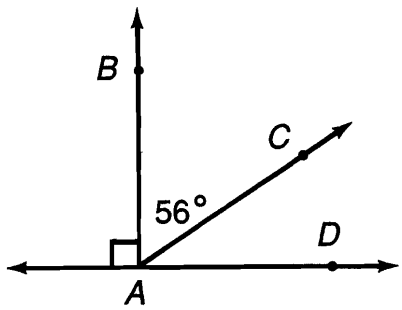


(S) $m\angle WOX =$



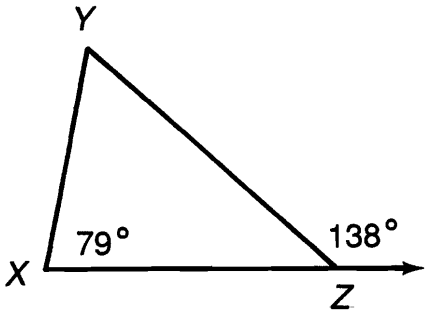
(A) $m\angle PQR =$

(E) $m\angle PQT =$



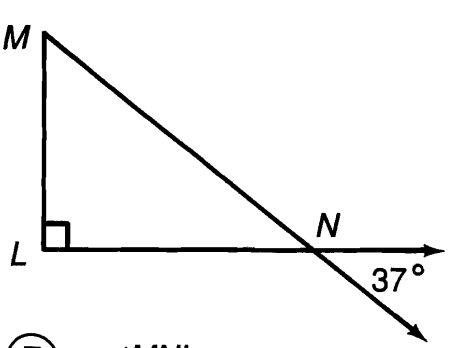
(N) $m\angle DAB =$

(O) $m\angle DAC =$



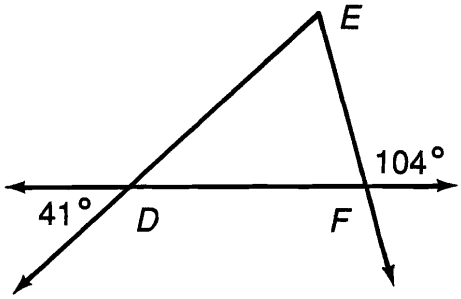
(C) $m\angle XZY =$

(U) $m\angle Y =$



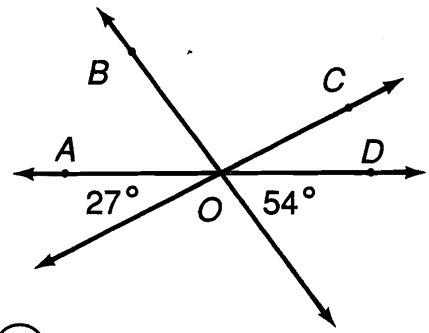
(F) $m\angle MNL =$

(K) $m\angle M =$



(Q) $m\angle EFD =$

(B) $m\angle E =$



(M) $m\angle AOB =$

(R) $m\angle BOC =$