Have an Ice Day!

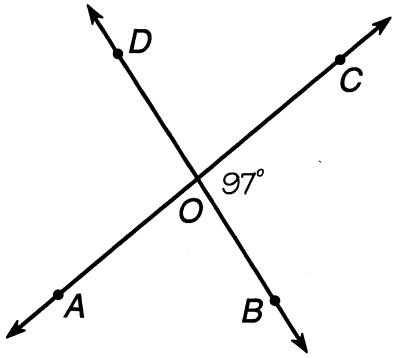
1 What do you call identical twin sisters when both are ice skating champions?

141°	48°	42°	44°	33°	129°	42°	42°	26°	69°	48°	72°	83°	26°	42°	70°

2 What unfortunate mistake did the champion ice skater make with his gold medal?

57°	42°	136°	57°	135°	46°	122°	141°	97°	28°	62°	147°	83°	26°	39°	42°	46°

Use the given angle measures to find the angle measures indicated for each figure. Each time your answer appears in the code, write the letter of the exercise above it.

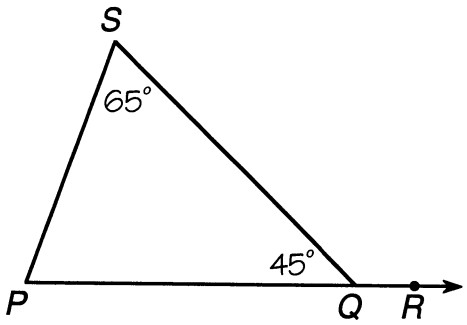


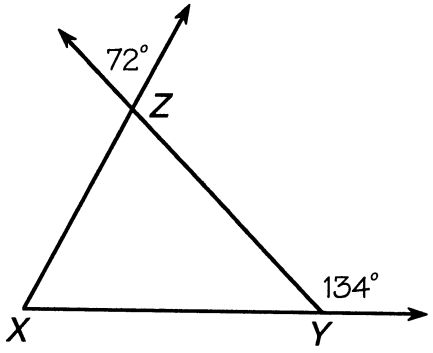
(T) $m\angle AOD =$

(O) $m\angle AOB =$

(A) $m\angle SQR =$

(S) $m\angle P =$





(L) $m\angle XZY =$

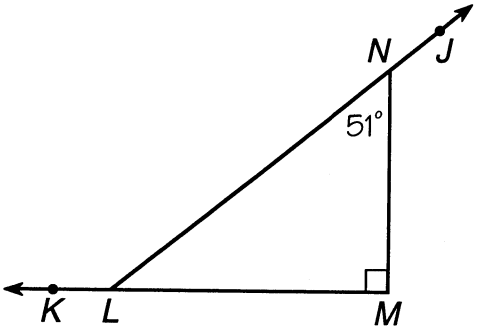
(D) $m\angle ZYX =$

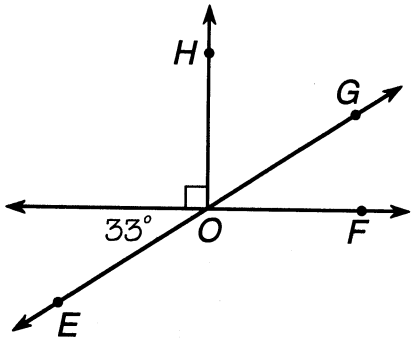
(B) $m\angle X =$

(U) $m\angle JNM =$

(Z) $m\angle NLM =$

(I) $m\angle NLK =$





(Q) $m\angle FOG =$

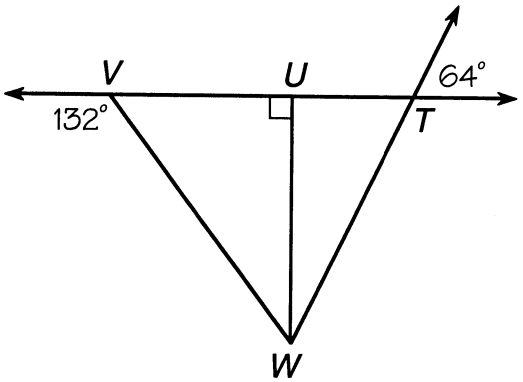
(H) $m\angle GOH =$

(R) $m\angle EOF =$

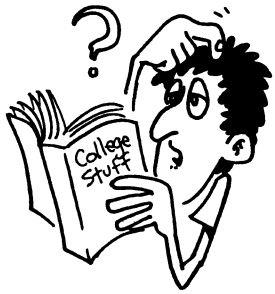
(C) $m\angle UVW =$

(E) $m\angle VWU =$

(N) $m\angle UWT =$



According to First-Year Student Bix Babble, What Is the Most Confusing Thing at College?



Find each answer in the Code Key and notice the letter below it. Write this letter in the box at the bottom of the page containing the exercise number.

In Exercises 1-8, write *true* or *false* next to the statement. If the statement is false, explain why.

1. ∠1 and ∠4 are corresponding angles.

2. ∠1 and ∠4 are congruent.

3. ∠4 and ∠7 are corresponding angles.

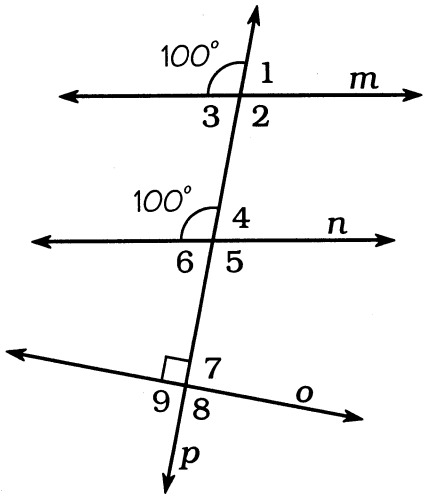
4. ∠4 and ∠7 are congruent.

5. ∠1, ∠3, ∠4, and ∠6 all measure 80°.

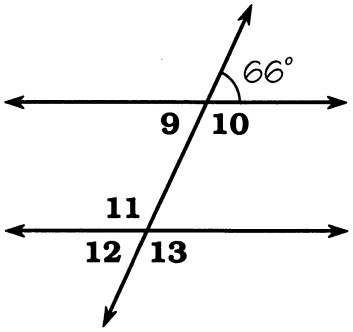
6. ∠2, ∠5, and ∠8 all measure 100°.

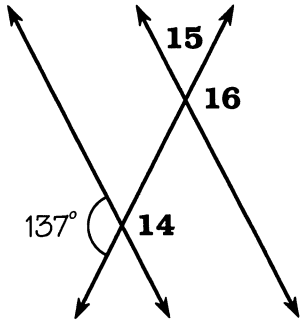
7. Lines *m*, *n*, and *o* are parallel.

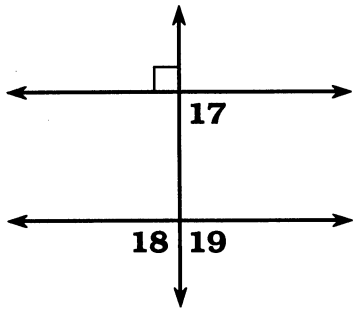
8. Lines *o* and *p* are perpendicular.

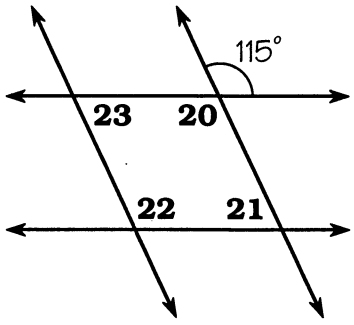


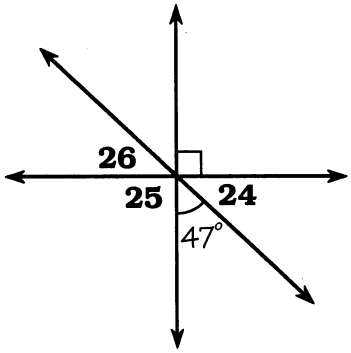
In Exercises 9-30, find the measure of the angle. (The angle number is the exercise number.) Assume that lines in each figure that do not interect are parallel.

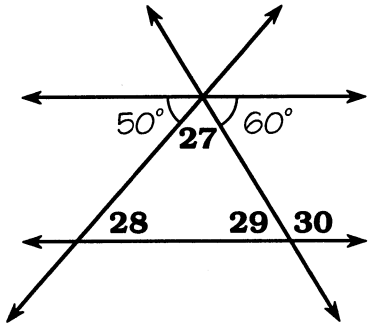












CODE KEY	true	false	43°	50°	60°	65°	66°	70°	90°	114°	115°	120°	137°
	N	E	S	T	B	C	A	D	I	L	G	F	H

28	16	6	23	11	9	26	15	21	12	10	13	4	27	29	7	20	25	5	1	18	3	22	30	17	2	8	19	24	14	