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

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.
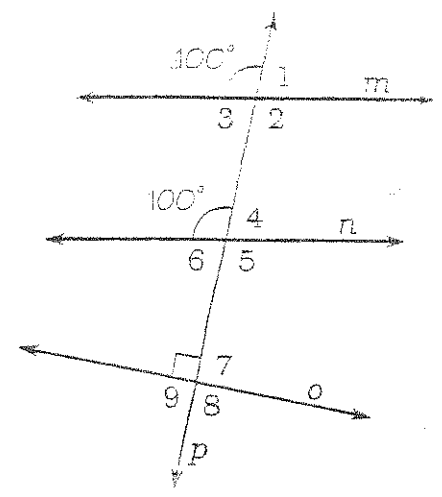
In Exercises 9-30, find the measure of the angle. (The angle number is the exercise number.) Assume that lines in each figure that do not intersect are parallel.
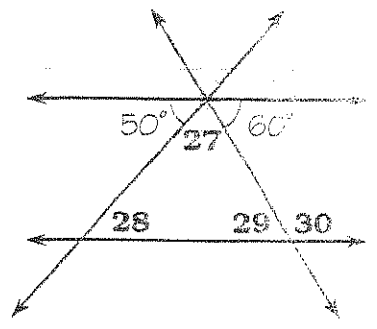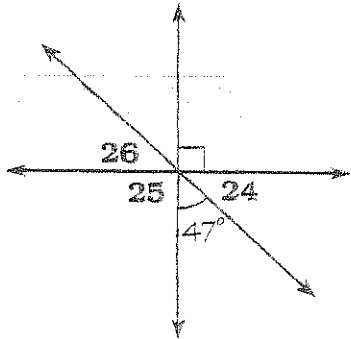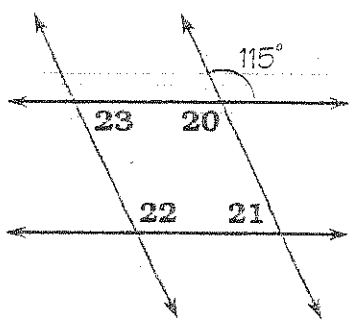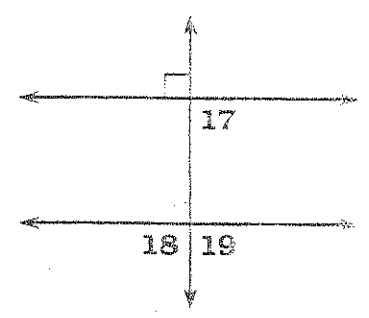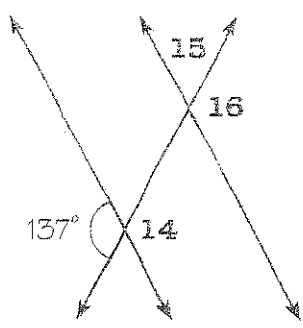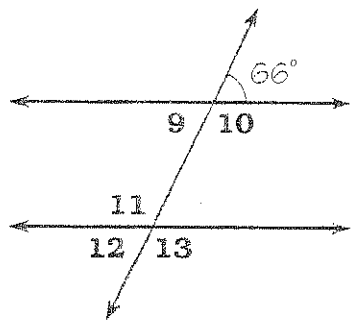
CODE KEY	true	false	43°	50°	60°	65°	66°	70°	90°	114°	115°	120°	137°
	N	E	S	T	B	C	A	D	I	L	G	F	H

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

Geometry Concepts
Parallel Lines