

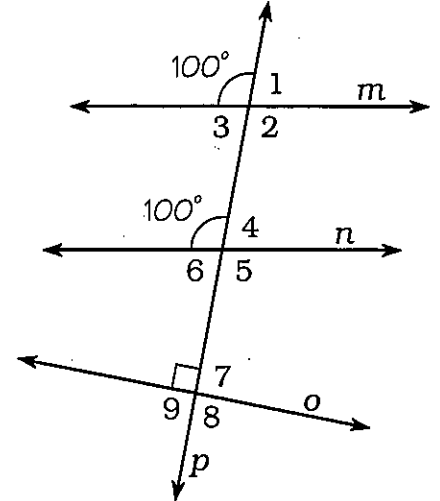
# According to First-Year Student Bix Babble, What Is the Most Confusing Thing at College?



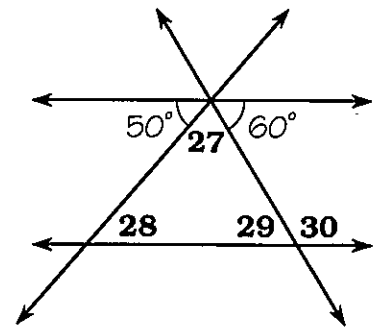
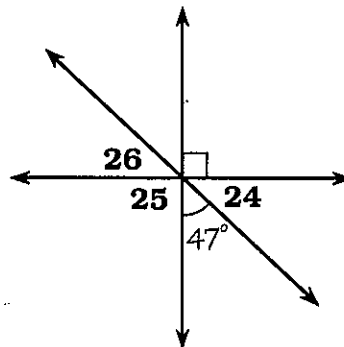
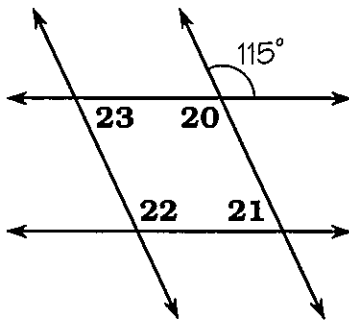
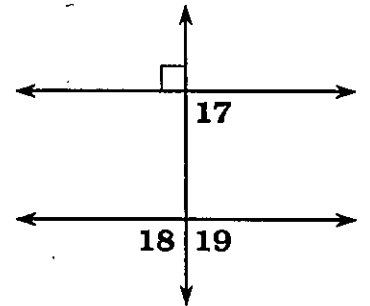
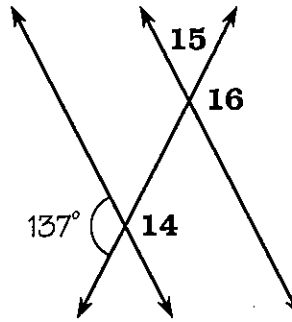
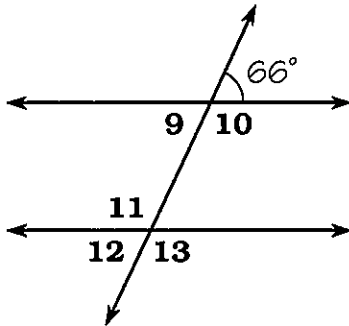
Find each answer in the Code Key and notice the letter below it. Write this letter in the box at the bottom of the page containing the exercise number.

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

- \_\_\_ 1.  $\angle 1$  and  $\angle 4$  are corresponding angles.
- \_\_\_ 2.  $\angle 1$  and  $\angle 4$  are congruent.
- \_\_\_ 3.  $\angle 4$  and  $\angle 7$  are corresponding angles.
- \_\_\_ 4.  $\angle 4$  and  $\angle 7$  are congruent.
- \_\_\_ 5.  $\angle 1$ ,  $\angle 3$ ,  $\angle 4$ , and  $\angle 6$  all measure  $80^\circ$ .
- \_\_\_ 6.  $\angle 2$ ,  $\angle 5$ , and  $\angle 8$  all measure  $100^\circ$ .
- \_\_\_ 7. Lines  $m$ ,  $n$ , and  $o$  are parallel.
- \_\_\_ 8. Lines  $o$  and  $p$  are perpendicular.




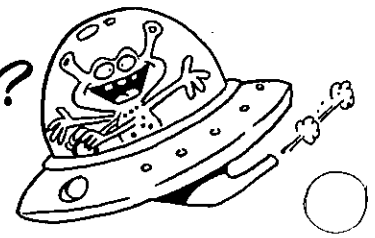
In Exercises 9-30, find the measure of the angle. (The angle number is the exercise number.) Assume that lines in each figure that do not intersect are parallel.



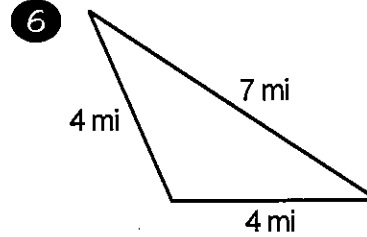
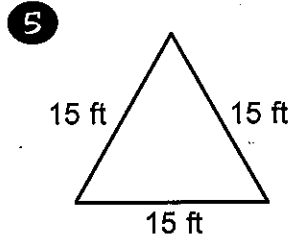
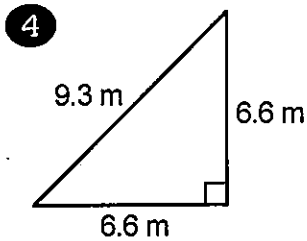
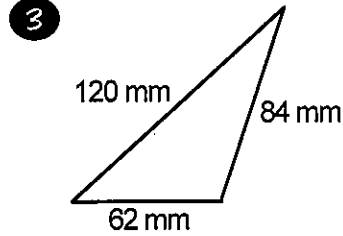
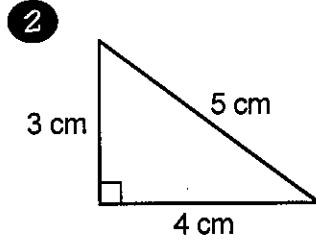
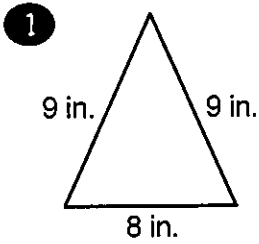
CODE KEY	true	false	$43^\circ$	$50^\circ$	$60^\circ$	$65^\circ$	$66^\circ$	$70^\circ$	$90^\circ$	$114^\circ$	$115^\circ$	$120^\circ$	$137^\circ$																
	N	E	S	T	B	C	A	D	I	L	G	F	H																
28	16	6	23	11	9	26	15	21	12	10	13	4	27	29	7	20	25	5	1	18	3	22	30	17	2	8	19	24	14

# Where Do Aliens Leave Their Spaceships?

Write the letter of the correct answer in the box containing the exercise number.  
If the answer has a , shade in the box instead of writing a letter in it.

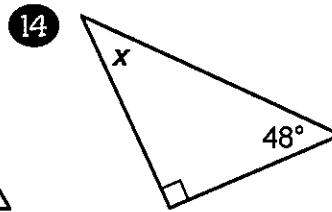
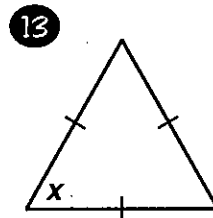
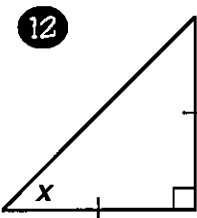
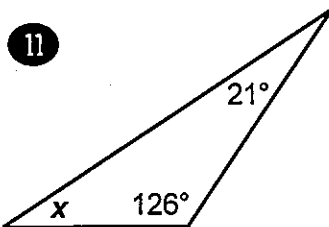
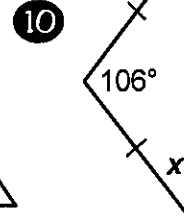
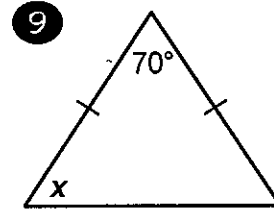
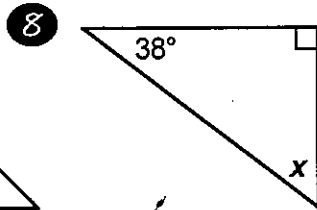
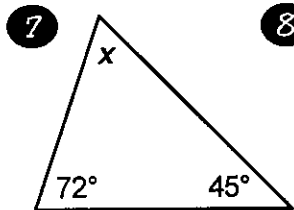


In Exercises 1-6, write two ways to classify the triangle.



- L acute; scalene
- A acute; isosceles
- N acute; equilateral
- E right; scalene
- O right; isosceles
- T obtuse; scalene
- obtuse; isosceles

In Exercises 7-14, find the measure of the angle labeled  $x$ .



- 29°
- R 33°
- G 37°
- A 42°
- E 45°
- I 52°
- S 55°
- 60°
- N 61°
- M 63°

In Exercises 15-18, mark the correct choice.

- 15 Which of the following is possible:
- L A triangle with two right angles.
  - M A triangle with two obtuse angles.
  - P A triangle with two acute angles.

- 16 Which of the following is possible:
- N An equilateral right triangle.
  - R An isosceles right triangle.
  - D A scalene equiangular triangle.

- 17 Which of the following is true:
- K All equilateral triangles are equiangular.
  - S All obtuse triangles are scalene.

- 18 Which of the following is true:
- G All isosceles triangles are equilateral.
  - T All equilateral triangles are isosceles.

14	3	6	15	1	11	17	8	5	10	13	7	2	18	12	4	16	9
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