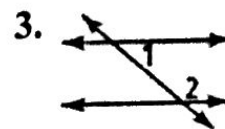
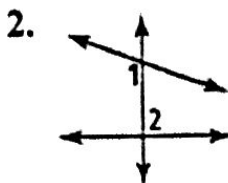
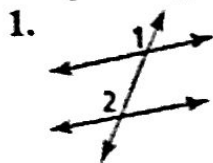


Practice 3-1 ..... Properties of Parallel Lines

Classify each pair of angles as *alternate interior angles*, *same-side interior angles*, or *corresponding angles*.

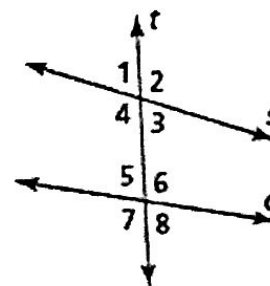


Use the figure on the right to answer Exercises 7–9.

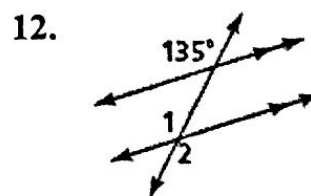
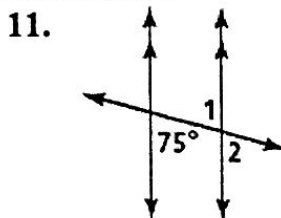
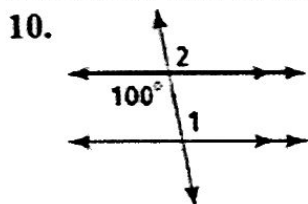
7. Name all pairs of corresponding angles formed by the transversal  $t$  and lines  $s$  and  $c$ .

8. Name all pairs of alternate interior angles formed by the transversal  $t$  and lines  $s$  and  $c$ .

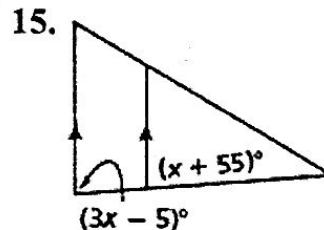
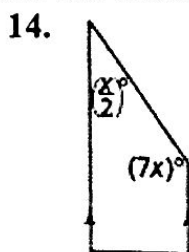
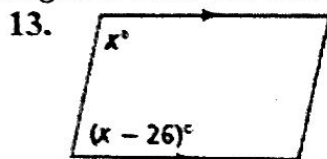
9. Name all pairs of same-side interior angles formed by the transversal  $t$  and lines  $s$  and  $c$ .



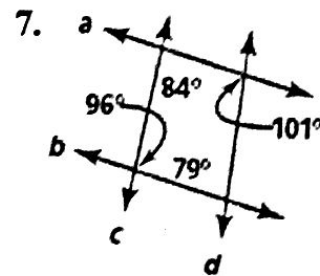
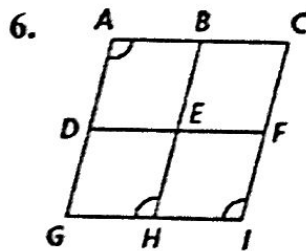
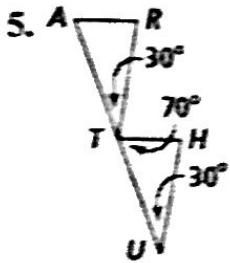
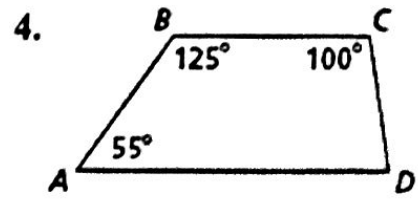
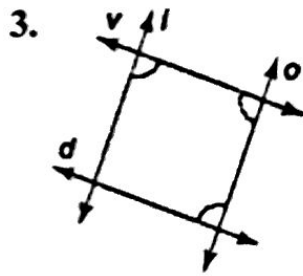
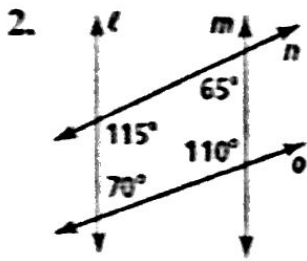
Find  $m\angle 1$  and then  $m\angle 2$ . Justify each answer.



*Algebra* Find the value of  $x$ . Then find the measure of each angle.



Which lines or segments are parallel? Justify your answer with a theorem or postulate.



**Algebra** Find the value of  $x$  for which  $a \parallel t$ .

