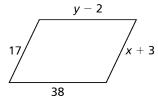
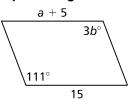
## 7.2 Practice A

In Exercises 1–4, find the value of each variable in the parallelogram.

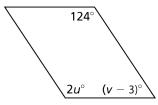
1.



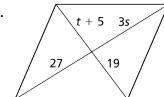
2.



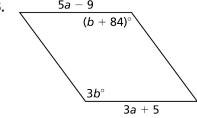
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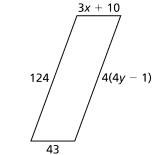
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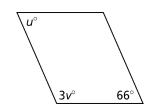
5.



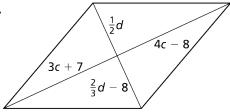
6.



7.



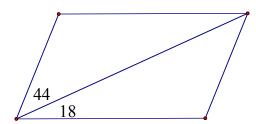
8.



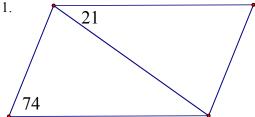
- 9. State whether each statement is *always, sometimes,* or *never* true for a parallelogram. Explain your reasoning.
  - **a.** The opposite sides are congruent.
  - **b.** All four sides are congruent.
  - **c.** The diagonals are congruent.
  - **d.** The opposite angles are congruent.
  - **e.** The adjacent angles are congruent.
  - **f.** The adjacent angles are complementary.

Find the missing angles.

10.



11.



12.

