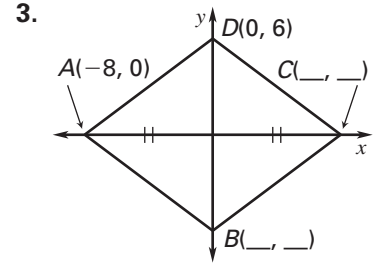
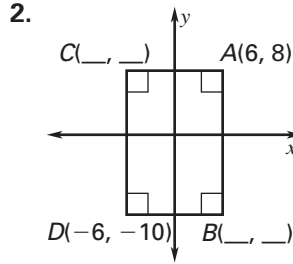
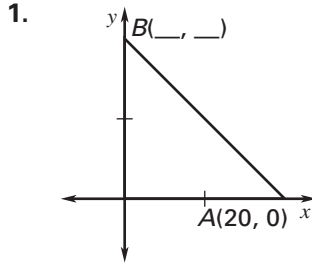


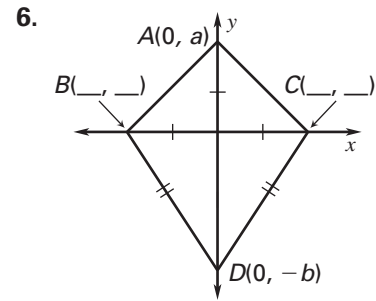
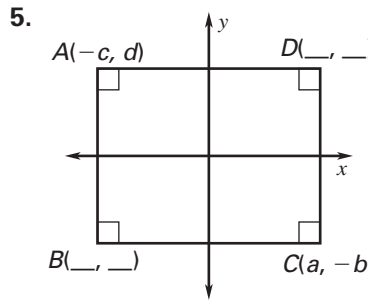
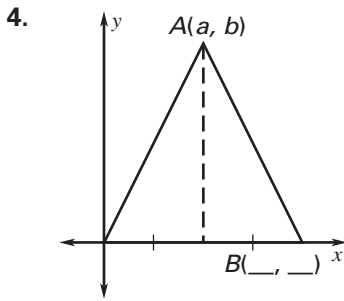
**Practice B**

For use with pages 243–250

Find the missing coordinates.



Find the missing coordinates without using any new variables.



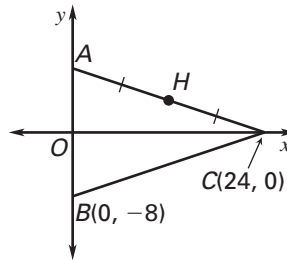
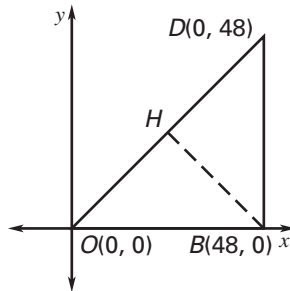
Place the figure in the coordinate plane and find the given information.

7. A right isosceles triangle with legs of 6 units; find the length of the hypotenuse.
8. A rectangle with a length of 32 units and a width of 18 units; find the length of a diagonal.
9. A square with a perimeter of 32 unit; find the length of a diagonal.

Use the given information and diagram to find the coordinates of *H*.

10.  $\triangle OBH \cong \triangle BDH$

11.  $\triangle OBC \cong \triangle OAC$



Write a paragraph proof.

12. **Given:** Coordinates of  $\triangle QPS$  and  $\triangle RSP$

**Prove:**  $\triangle QPS \cong \triangle RSP$

