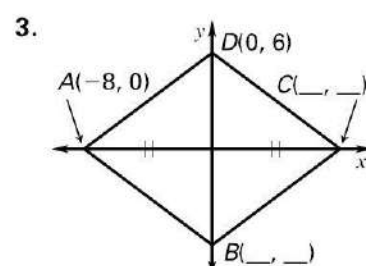
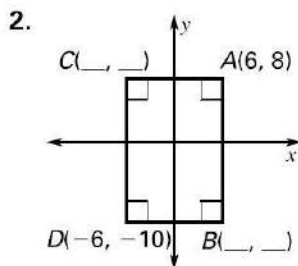
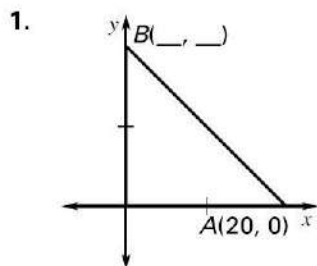
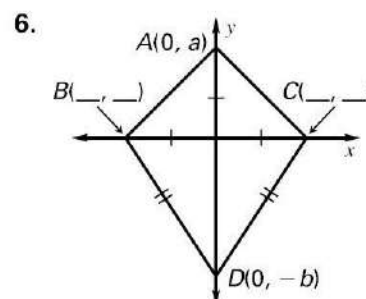
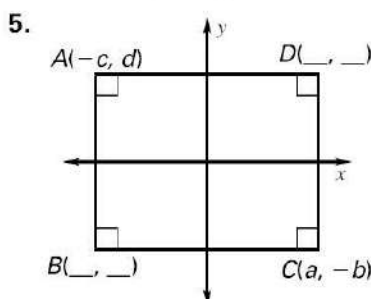
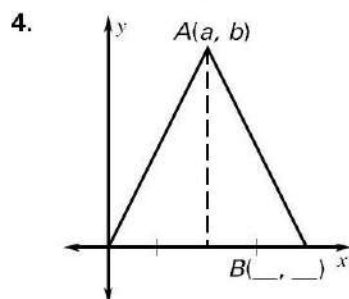


Find the missing coordinates.



Find the missing coordinates without using any new variables.

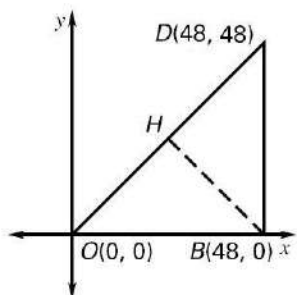


Place the figure in the coordinate plane and find the given information.

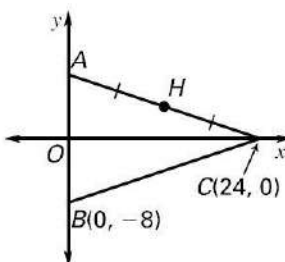
7. A right isosceles triangle with legs of 6 units; find the length of the hypotenuse.
8. A rectangle with a length of 32 units and a width of 18 units; find the length of a diagonal.
9. A square with a perimeter of 32 unit; find the length of a diagonal.

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

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

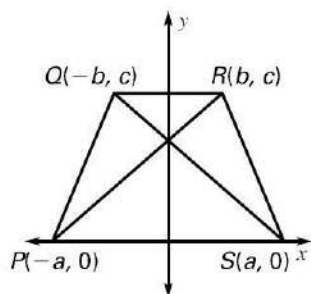


11. $\triangle OBC \cong \triangle OAC$



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

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



13. **Given:** $\overline{OM} \perp \overline{LN}$

Prove: $\overline{OM}$ bisects $\angle LON$.

