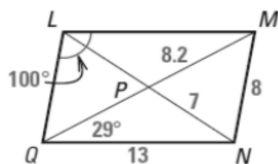


Using Properties of Parallelograms Sides and Diagonals

LMNQ is a parallelogram LMNQ. Find the requested piece(s) and justify your answer.

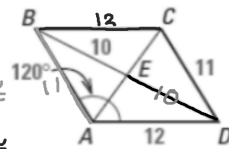
1. LM
2. LP
3. LQ
4. QP



Using Properties of Parallelograms Sides and Diagonals

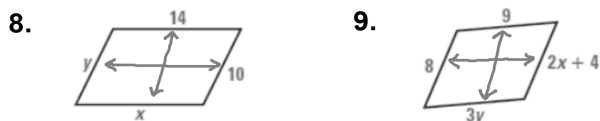
ABCD is a parallelogram. Find the requested piece(s) and justify your answer.

5. DE 10 b/c diagonals are bisected.
6. BA 11 b/c opp. sides are \cong
7. BC 12 b/c opp sides are \cong .



Using Properties of Parallelograms Sides and Diagonals

The following are parallelograms. Find the requested piece(s) and justify your answer.



8. a. $x = 14$
b. $y = 10$
- b/c opp sides are \cong .

9. a. $x = 2$
b. $y = 3$
- b/c opp sides are \cong .

Using Properties of Parallelograms Sides and Diagonals

The following are parallelograms. Find the requested piece(s) and justify your answer.



10. a. $f = 4$
b. $g = 6$
- b/c diagonals are bisected.

11. a. $x = 10$
b. $y = 9$
- diagonals are bisected
opp sides are \cong .

Using Properties of Parallelograms Sides and Diagonals

The following are parallelograms. Find the requested piece(s) and justify your answer.

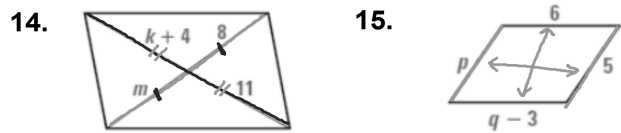


12. a. $r = 6$
b. $s = 3.5$
- b/c diagonals are bisected

13. a. $w = 1$
b. $z = 3$
- b/c opp sides are \cong .

Using Properties of Parallelograms Sides and Diagonals

The following are parallelograms. Find the requested piece(s) and justify your answer.



14. a. $k = 7$
b. $m = 8$
- diagonals are bisected.

15. a. $p = 5$
b. $q = 9$
- opp sides are \cong .