

Name _____

Date _____

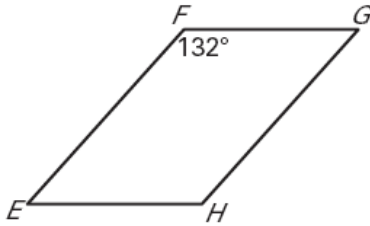
LESSON 8.2

Practice B

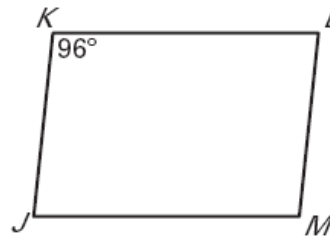
For use with pages 514–521

Find the measure of the indicated angle in the parallelogram.

1. Find $m\angle G$.

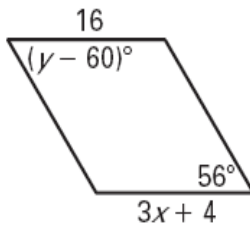


2. Find $m\angle M$.

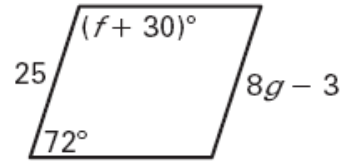


Find the value of each variable in the parallelogram.

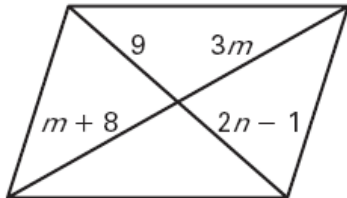
3.



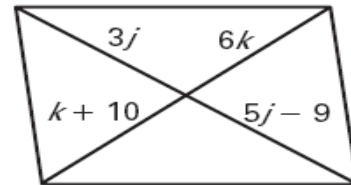
4.



5.



6.



7. In parallelogram $WXYZ$, $m\angle W$ is 50 degrees more than $m\angle X$. Sketch parallelogram $WXYZ$. Find the measure of each interior angle. Then label each angle with its measure.

Find the indicated measure in parallelogram $ABCD$.

8. $m\angle AEB$

9. $m\angle BAE$

10. $m\angle AED$

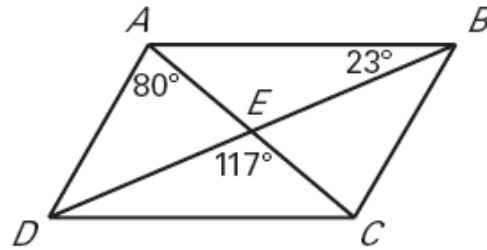
11. $m\angle ECB$

12. $m\angle BAD$

13. $m\angle DCE$

14. $m\angle ADC$

15. $m\angle DCB$



Use the diagram of parallelogram $MNOP$. Points Q, R, S , and T are midpoints of $\overline{MZ}, \overline{NX}, \overline{OX}$, and \overline{PX} . Find the indicated measure.

16. PN

17. MQ

18. XO

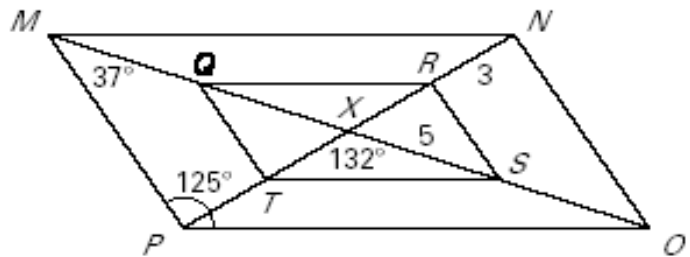
19. $m\angle NMQ$

20. $m\angle NXO$

21. $m\angle MNP$

22. $m\angle NPO$

23. $m\angle NOP$



24. In parallelogram $RSTU$, the ratio of RS to ST is $5 : 3$. Find RS if the perimeter of parallelogram $RSTU$ is 64.