Name _____ Date _____

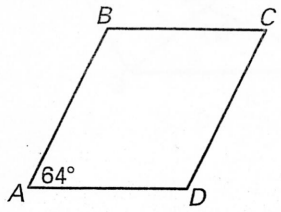
LESSON 8.2

Practice

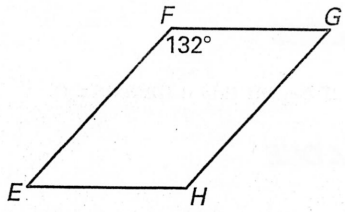
For use with pages 514–521

Find the measure of the indicated angle in the parallelogram.

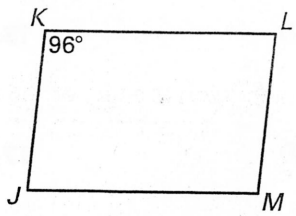
1. Find $m\angle B$.



2. Find $m\angle G$.

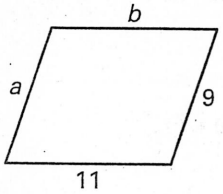


3. Find $m\angle M$.

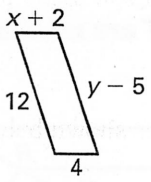


Find the value of each variable in the parallelogram.

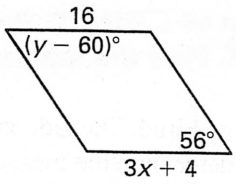
4.



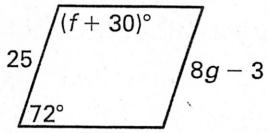
5.



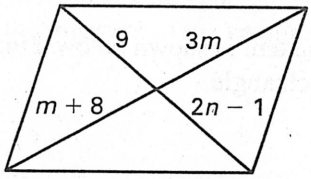
6.



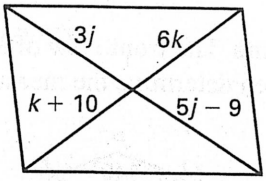
7.



8.



9.



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

11. In $\square EFGH$, $m\angle G$ is 25 degrees less than $m\angle H$. Sketch $\square EFGH$. Find the measure of each interior angle. Then label each angle with its measure.

Name _____ Date _____

LESSON 8.2

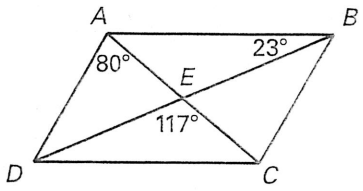
Practice *continued*

For use with pages 514–521

Find the indicated measure in $\square ABCD$.

12. $m\angle AEB$

13. $m\angle BAE$



14. $m\angle AED$

15. $m\angle ECB$

16. $m\angle BAD$

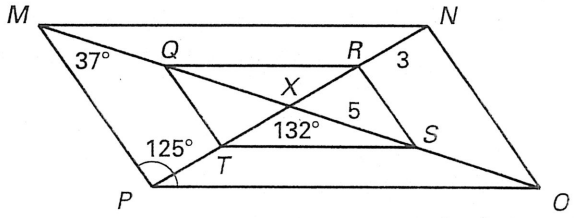
17. $m\angle DCE$

18. $m\angle ADC$

19. $m\angle DCB$

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

20. PN



21. MQ

22. XO

23. $m\angle NMQ$

24. $m\angle NXO$

25. $m\angle MNP$

26. $m\angle NPO$

27. $m\angle NOP$