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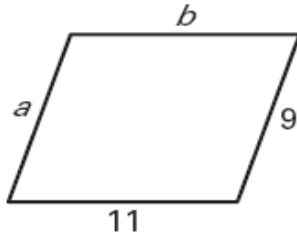
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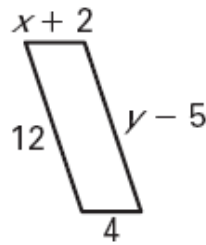
Practice Worksheet:
How do you use properties of parallelograms to solve problems?

Find the value of each variable in the parallelogram.

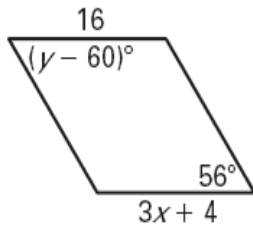
1.



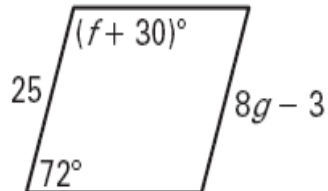
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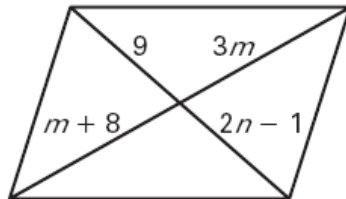
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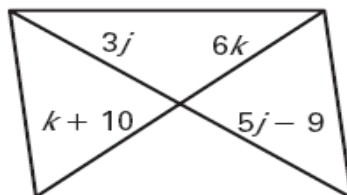
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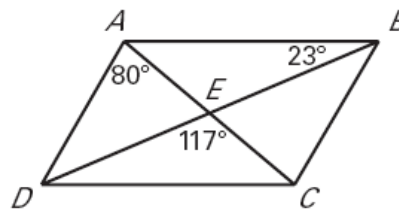
6.



7. 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.

8. 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.

Find the indicated measure in $\square ABCD$.



9. $m\angle AEB$

13. $m\angle BAD$

10. $m\angle BAE$

14. $m\angle DCE$

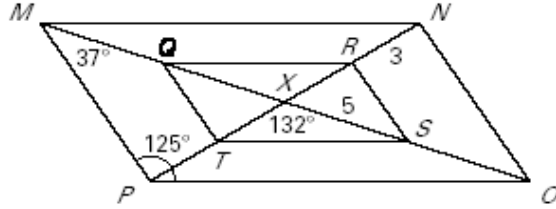
11. $m\angle AED$

15. $m\angle ADC$

12. $m\angle ECB$

16. $m\angle DCB$

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.



17. PN

21. $m\angle NXO$

18. MQ

22. $m\angle MNP$

19. XO

23. $m\angle NPO$

20. $m\angle NMQ$

24. $m\angle NOP$