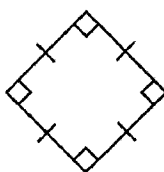


Decide whether the parallelogram is a *rhombus*, a *rectangle*, or a *square*. Explain.

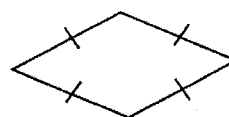
1.



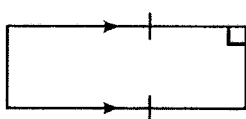
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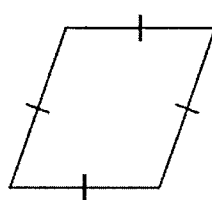
3.



4.

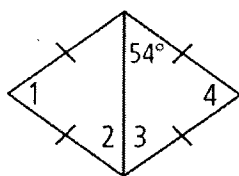


5.

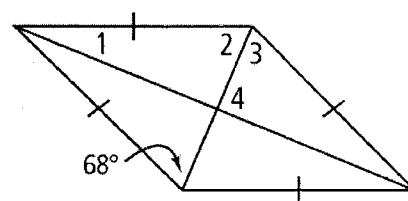


Find the measures of the numbered angles in each rhombus.

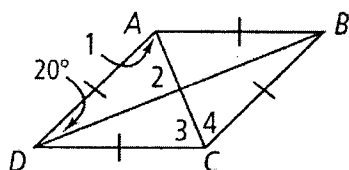
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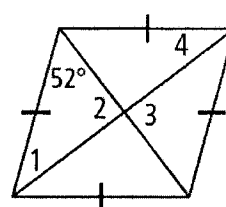
7.



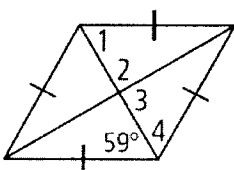
8.



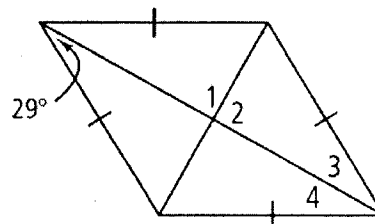
9.



10.



11.



**Algebra**  $H I J K$  is a rectangle. Find the value of  $x$  and the length of each diagonal.

14.  $HJ = x$  and  $IK = 2x - 7$

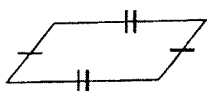
15.  $HJ = 3x + 5$  and  $IK = 5x - 9$

16.  $HJ = 3x + 7$  and  $IK = 6x - 11$

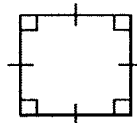
17.  $HJ = 19 + 2x$  and  $IK = 3x + 22$

Determine the most precise name for each quadrilateral.

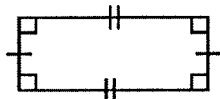
20.



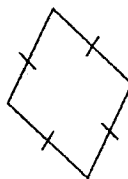
21.



22.

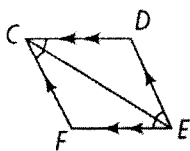


23.

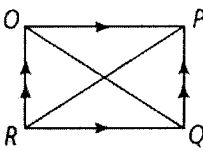


Can you conclude that the parallelogram is a *rhombus*, a *rectangle*, or a *square*? Explain.

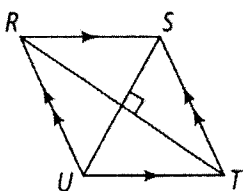
1.



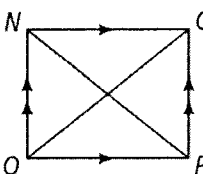
2.



3.

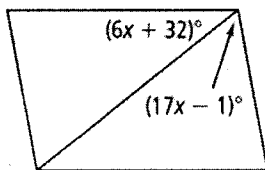


4.  $\overline{NP} \cong \overline{OQ}$

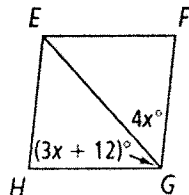


For what value of  $x$  is the figure the given special parallelogram?

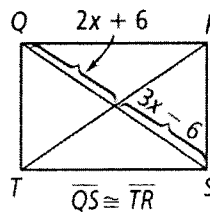
5. rhombus



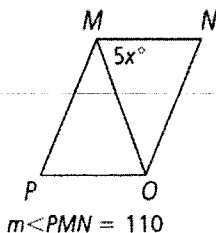
6. rhombus



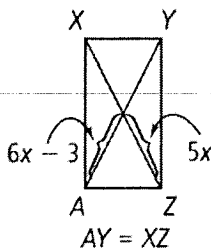
7. rectangle



8. rhombus



9. rectangle



10. rectangle

