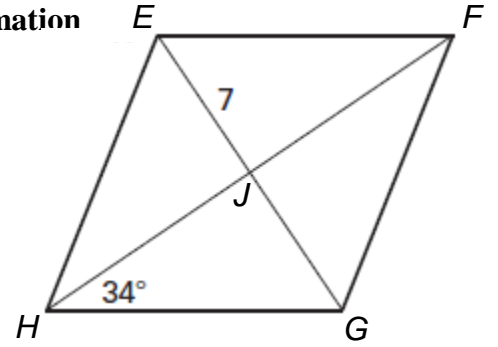


Name _____ Hour _____

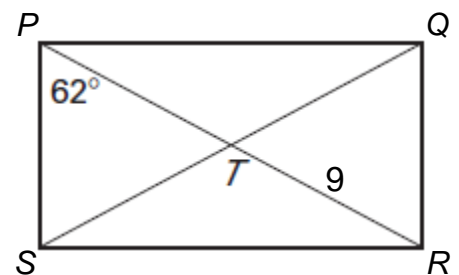
The diagonals of rhombus $EFGH$ intersect at J . Use the given information to find the indicated measures.

1. $m\angle EHJ$
2. $m\angle EJH$
3. $m\angle HEJ$
4. $m\angle EFG$
5. $m\angle FGH$
6. EG
7. HJ
8. FH
9. EH
10. Perimeter of $EFGH$



The diagonals of rectangle $PQRS$ intersect at T . Use the given information to find the indicated measures.

11. $m\angle PSR$
12. $m\angle PRS$
13. $m\angle PTQ$
14. QS
15. PS
16. RS
17. Perimeter of $PQRS$



Special Parallelograms

The diagonals of square $WXYZ$ intersect at V . Use the given information to find the indicated measures.

18. $m\angle XYZ$

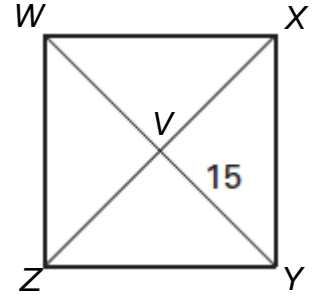
19. $m\angle VYZ$

20. $m\angle YVZ$

21. XZ

22. YZ

23. Perimeter of $WXYZ$



For any rhombus $ABCD$, decide whether the statement is *always* or *sometimes* true. Draw a diagram and explain your reasoning.

24. $\overline{AB} \cong \overline{BC}$

25. $\overline{AC} \cong \overline{BD}$

26. $\angle C \cong \angle D$

For any rectangle $JKLM$, decide whether the statement is *always* or *sometimes* true. Draw a diagram and explain your reasoning.

27. $\overline{KL} \cong \overline{LM}$

28. $\overline{JL} \cong \overline{KM}$

29. $\angle J \cong \angle K$