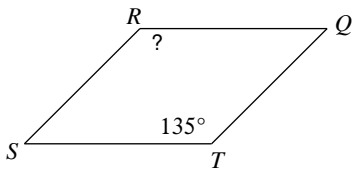


Properties of Parallelograms

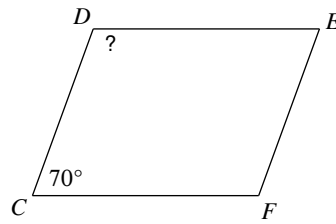
Date _____ Period _____

Find the measurement indicated in each parallelogram.

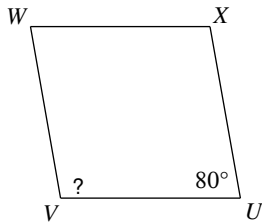
1)



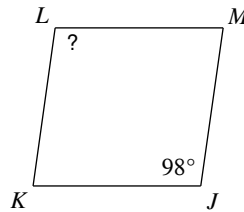
2)



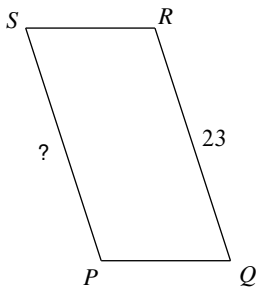
3)



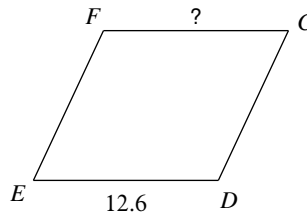
4)



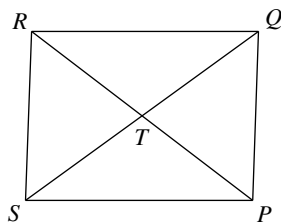
5)



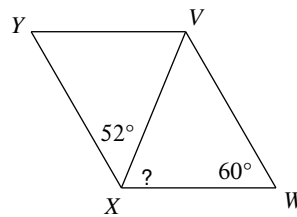
6)



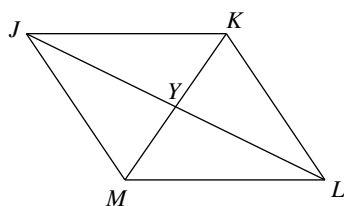
7) $RT = 19.8$
Find RP



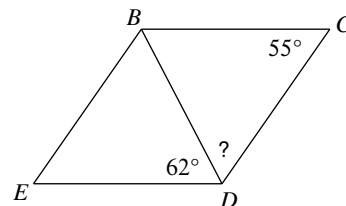
8)



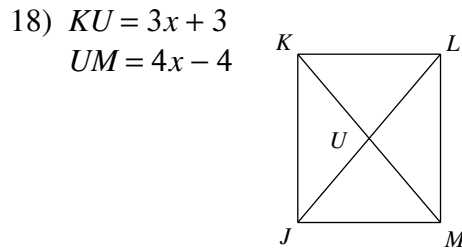
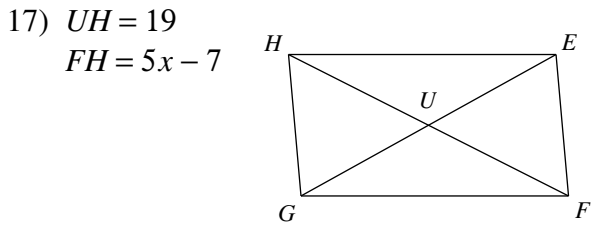
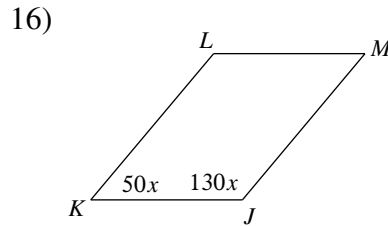
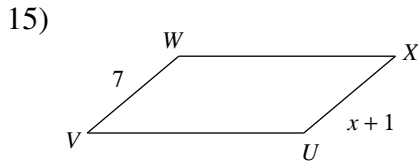
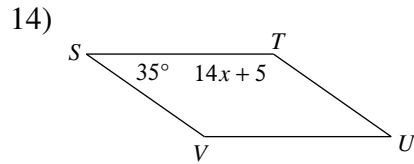
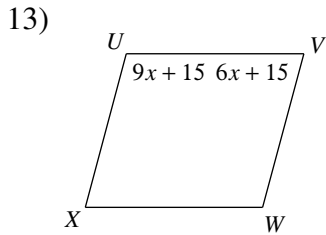
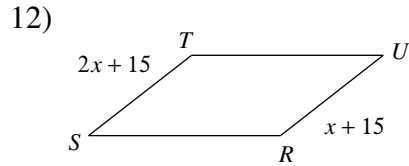
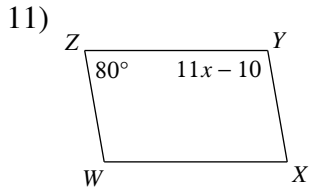
9) $KM = 23.4$
Find YM



10)

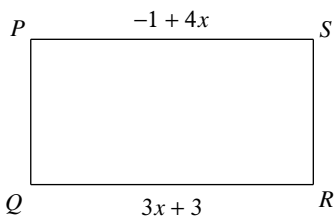


Solve for x . Each figure is a parallelogram.

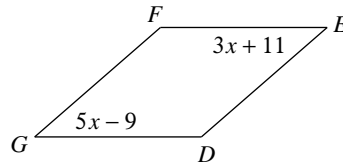


Find the measurement indicated in each parallelogram.

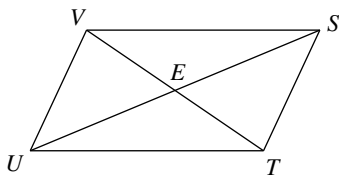
19) Find RQ



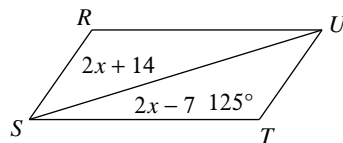
20) Find $m\angle G$



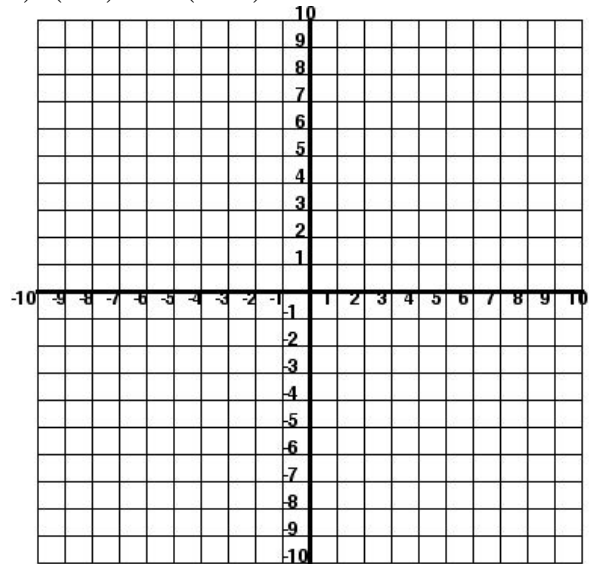
21) $TE = 4 + 2x$
 $EV = 4x - 4$
 Find TE



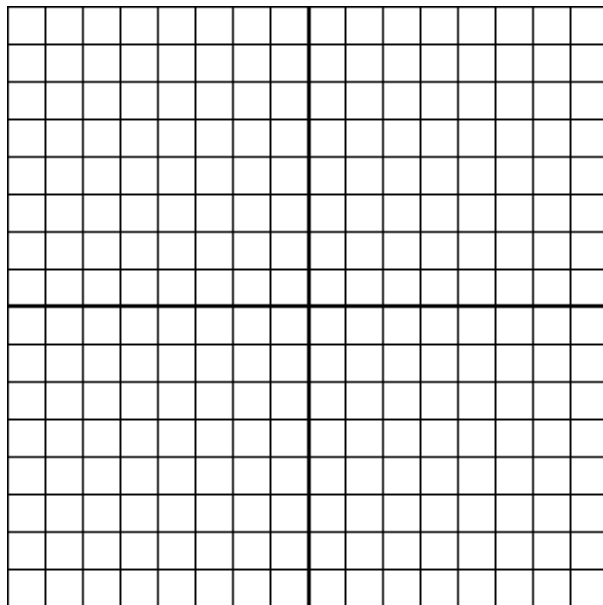
22) Find $m\angle TSR$



23. Find the coordinates of the intersection of the diagonals of the parallelogram with vertices $(-2, -1)$, $(1, 3)$, $(6, 3)$, and $(3, -1)$.

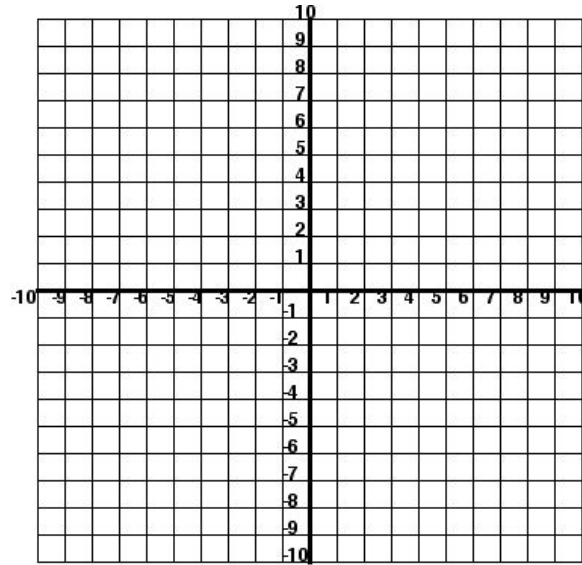


24. Find the coordinates of the intersection of the diagonals of the parallelogram with vertices $(-2, -4)$, $(-4, 4)$, $(2, 12)$, and $(4, 4)$.



In Exercises 25 and 26, three vertices of $\square ABCD$ are given. Find the coordinates of the remaining vertex.

25. $A(-2, 0)$, $B(-2, -2)$, $D(2, 2)$



26. $A(-1, -3)$, $C(1, 2)$, $D(-1, -2)$

