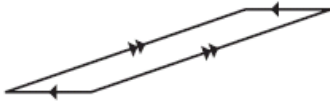


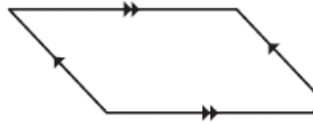
Properties of Parallelograms Bell Work

Decide whether the figure is a parallelogram.
If it is not, explain why.

1.

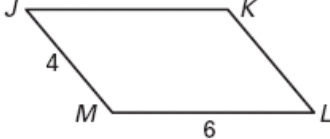


2.

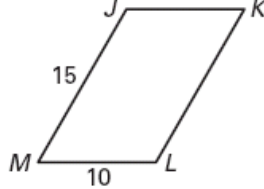


$JKLM$ is a parallelogram. Find JK and KL .

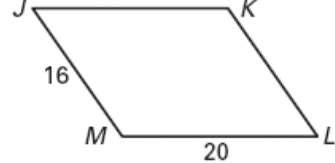
3.



4.

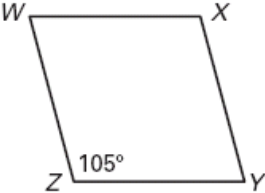


5.

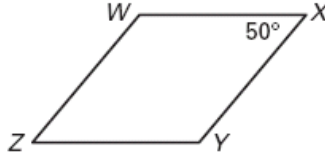


$WXYZ$ is a parallelogram. Find the missing angle measures.

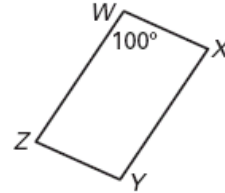
6.



7.

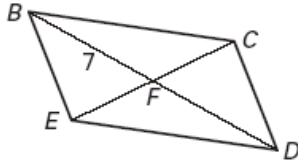


8.

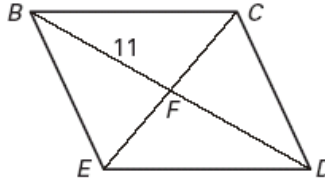


$BCDE$ is a parallelogram. Find DF .

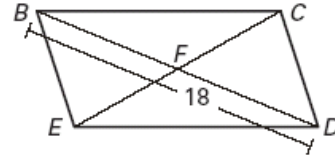
9.



10.

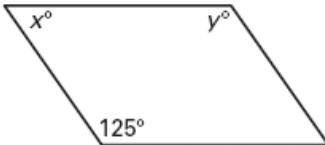


11.

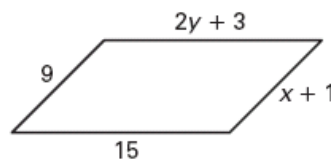


Find the values of x and y in the parallelogram.

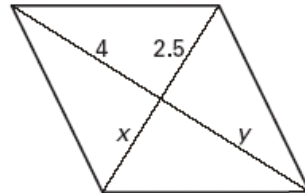
12.



13.



14.



The diagram at the right shows an adjustable coat rack.

15. For $\square PQRS$, name a side that is congruent to \overline{PS} .

16. For $\square PQRS$, name an angle that is congruent to $\angle Q$.

17. The points Q, U, T , and S form a parallelogram. Use what you know about the diagonals of a parallelogram to name a length equal to RU .

