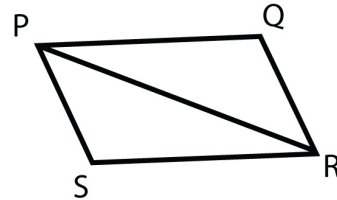


Name : _____

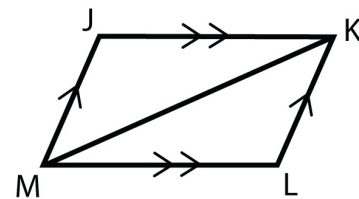
Score : _____ Date : _____

Theorems Involving Quadrilaterals Worksheet

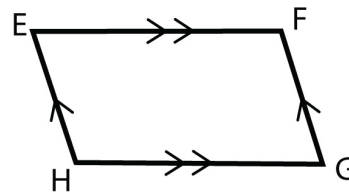
- 1 PQRS is a parallelogram
Prove that (a) $\overline{PQ} \cong \overline{RS}$
(b) $\overline{PS} \cong \overline{RQ}$



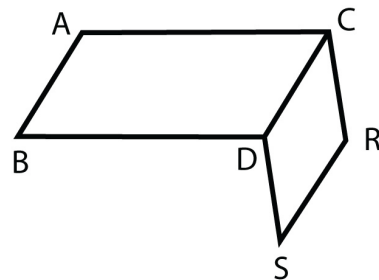
- 2 JKLM is a parallelogram
Prove that $\angle J \cong \angle L$
 $\angle M \cong \angle K$



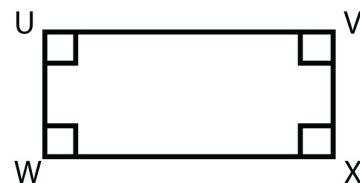
- 3 EFGH is a parallelogram
Prove that $\angle E$ and $\angle F$ are supplementary



- 4 ABCD and CDRS are parallelograms
Prove: $\overline{AB} \cong \overline{SR}$



- 5 UVWX is a rectangle
Prove: (a) $\overline{UV} \parallel \overline{WX}$
(b) $\overline{UW} \parallel \overline{VX}$



- 6 ABCD is a parallelogram
Prove: (a) $\overline{AB} \cong \overline{DC}$
(b) $\overline{AD} \cong \overline{BC}$

