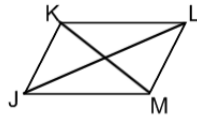


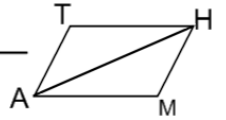
Complete the following proofs

1. Given: JKLM is a parallelogram
 Prove: $\angle LMJ \cong \angle JKL$ and $\angle KJM \cong \angle MLK$



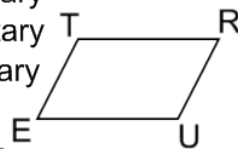
Statement	Reason
JKLM is a \square	_____
_____	Def. of \square
$\angle JLK \cong \angle LJM$	_____
_____	Alt. Int. \angle 's Thm.
_____	Reflexive Property
$\triangle JLK \cong \triangle LJM$	_____
_____	CPCTC
$\angle LKM \cong \angle JMK$	Alt. Int. \angle 's Thm.
_____	Alt. Int. \angle 's Thm.
$\overline{KM} \cong \overline{MK}$	_____
_____	ASA
$\angle KJM \cong \angle MLK$	_____

2. Given: MATH is a parallelogram
 Prove: $\overline{AT} \cong \overline{HM}$ and $\overline{TH} \cong \overline{MA}$



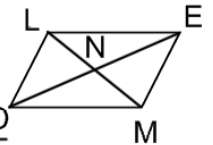
Statement	Reason
_____	Given
$\overline{AT} \parallel \overline{MH}$ and $\overline{TH} \parallel \overline{AM}$	_____
_____	Alt. Int. \angle 's Thm.
_____	Alt. Int. \angle 's Thm.
$\overline{AH} \cong \overline{HA}$	_____
_____	ASA
$\overline{AT} \cong \overline{HM}$	_____
_____	CPCTC

3. Given: TRUE is a parallelogram
 Prove: $\angle T$ and $\angle R$ are supplementary
 $\angle R$ and $\angle U$ are supplementary
 $\angle U$ and $\angle E$ are supplementary
 $\angle E$ and $\angle T$ are supplementary



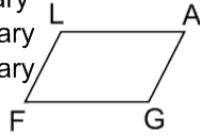
Statement	Reason
TRUE is a \square	_____
_____	Def. of \square
$\angle T$ and $\angle R$ are supp.	_____
_____	Same Side Int. \angle 's Thm.
$\angle R$ and $\angle U$ are supp.	_____
_____	Same Side Int. \angle 's Thm.

4. Given: LEMO is a parallelogram
 Prove: $\overline{LN} \cong \overline{MN}$ and $\overline{ON} \cong \overline{EN}$



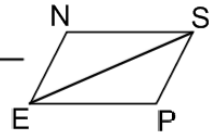
Statement	Reason
_____	Given
$\overline{LO} \parallel \overline{EM}$ and $\overline{OM} \parallel \overline{LE}$	_____
_____	Alt. Int. \angle 's Thm.
$\angle LOE = \angle MEO$	_____
_____	$\square \rightarrow$ Opp. Sides of are \cong
_____	ASA
$\overline{LN} \cong \overline{MN}$	_____
_____	CPCTC

5. Given: FLAG is a parallelogram
 Prove: $\angle F$ and $\angle L$ are supplementary
 $\angle L$ and $\angle A$ are supplementary
 $\angle A$ and $\angle G$ are supplementary
 $\angle G$ and $\angle F$ are supplementary



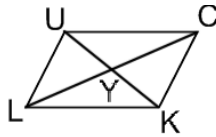
Statement	Reason

6. Given: PENS is a parallelogram
 Prove: $\overline{PE} \cong \overline{NS}$ and $\overline{EN} \cong \overline{SP}$



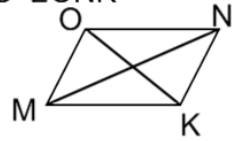
Statement	Reason

7. Given: LUCK is a parallelogram
 Prove: $\overline{LY} \cong \overline{CY}$ and $\overline{UY} \cong \overline{KY}$



Statement	Reason

8. Given: JKLM is a parallelogram
 Prove: $\angle MON \cong \angle NKM$ and $\angle KMO \cong \angle ONK$



Statement	Reason