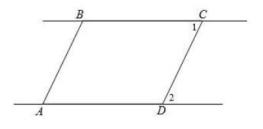


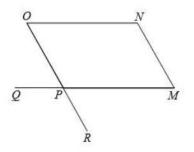
1) Given:
$$\overline{AB} \cong \overline{CD}$$
,
 $\overline{BE} \cong \overline{FD}$,
 $\overline{EC} \cong \overline{AF}$
Prove: $ABCD$ is a parallelogram.
 $B = 1 + \frac{E}{1 + \frac{E$

Prove: ABCD is a parallelogram.



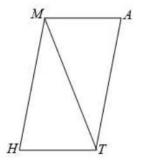
3) Given: $\angle O \cong \angle M$, $\angle QPR \cong \angle ONM$

Prove: MNOP is a parallelogram.



4) Given: $\overline{MA} \cong \overline{HT}$, $\angle AMT \cong \angle HTM$

Prove: MATH is a parallelogram.



5) Given: △MJK ≈ △KLM Prove: MJKL is a parallelogram.

K M

CHALLENGE

Given: Quadrilateral *ABCD*, diagonal \overline{AFEC} , $\overline{AE} \cong \overline{FC}$, $\overline{BF} \perp \overline{AC}$, $\overline{DE} \perp \overline{AC}$, $\angle 1 \equiv \angle 2$ Prove: *ABCD* is a parallelogram.

