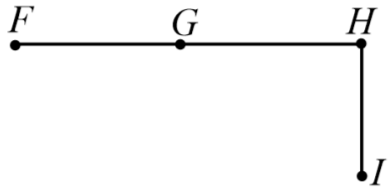
Segment and Midpoint Proofs Worksheet

1.

Given: $\overline{AB} \cong \overline{DE}$

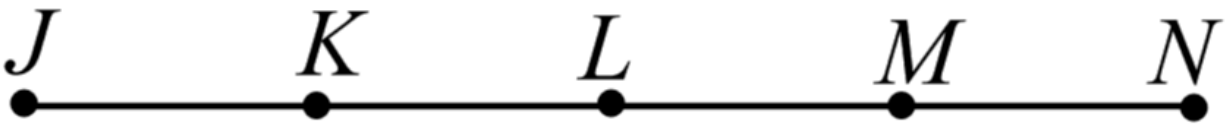
Prove: $CD + AB = CE$

2. 

Given: G is the midpoint of $\overline{FH}$, $\overline{FG} \cong \overline{HI}$

Prove: $\overline{GH} \cong \overline{HI}$

3.



Given: $\overline{JK} \cong \overline{MN}$, $\overline{KL} \cong \overline{LM}$

Prove: L is the midpoint of $\overline{JN}$