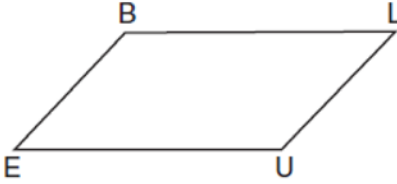


G.CO.C.11: Parallelograms 1

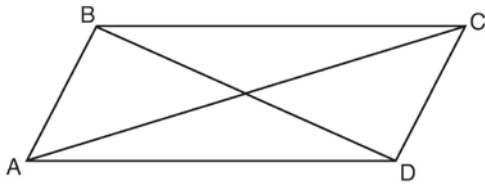
- 1 In quadrilateral $BLUE$ shown below, $\overline{BE} \cong \overline{UL}$.



Which information would be sufficient to prove quadrilateral $BLUE$ is a parallelogram?

- 1) $\overline{BL} \parallel \overline{EU}$
- 2) $\overline{LU} \parallel \overline{BE}$
- 3) $\overline{BE} \cong \overline{BL}$
- 4) $\overline{LU} \cong \overline{EU}$

- 2 Quadrilateral $ABCD$ with diagonals \overline{AC} and \overline{BD} is shown in the diagram below.



Which information is *not* enough to prove $ABCD$ is a parallelogram?

- 1) $\overline{AB} \cong \overline{CD}$ and $\overline{AB} \parallel \overline{DC}$
- 2) $\overline{AB} \cong \overline{CD}$ and $\overline{BC} \cong \overline{DA}$
- 3) $\overline{AB} \cong \overline{CD}$ and $\overline{BC} \parallel \overline{AD}$
- 4) $\overline{AB} \parallel \overline{DC}$ and $\overline{BC} \parallel \overline{AD}$

- 3 Quadrilateral $ABCD$ has diagonals \overline{AC} and \overline{BD} . Which information is *not* sufficient to prove $ABCD$ is a parallelogram?

- 1) \overline{AC} and \overline{BD} bisect each other.
- 2) $\overline{AB} \cong \overline{CD}$ and $\overline{BC} \cong \overline{AD}$
- 3) $\overline{AB} \cong \overline{CD}$ and $\overline{AB} \parallel \overline{CD}$
- 4) $\overline{AB} \cong \overline{CD}$ and $\overline{BC} \parallel \overline{AD}$

G.CO.C.11: Parallelograms 1

Answer Section

1 ANS: 2 REF: 061720geo

2 ANS: 3

(3) Could be a trapezoid.

REF: 081607geo

3 ANS: 4 REF: 061513geo