6-2 Mathematical Literacy and Vocabulary

Kites and Trapezoids

Complete the vocabulary table by filling in the missing information.

Word or Phrase	Definition	Figure or Example
kite	A *kite* is a quadrilateral with two pairs of consecutive, congruent sides. In a kite, no opposite sides are congruent.	
diagonals of a kite	In a kite, segments that connect two nonconsecutive vertices and are perpendicular to each other are *diagonals of a kite*.	
trapezoid		
legs of a trapezoid		$\overline{AD}$ and $\overline{BC}$
bases of a trapezoid	The parallel sides are the *bases of a trapezoid*.	
base angles		$\angle E$ and $\angle F$ or $\angle G$ and $\angle H$
midsegment of a trapezoid	The segment that joins the midpoints of the parallel sides is the *midsegment of a trapezoid*.	