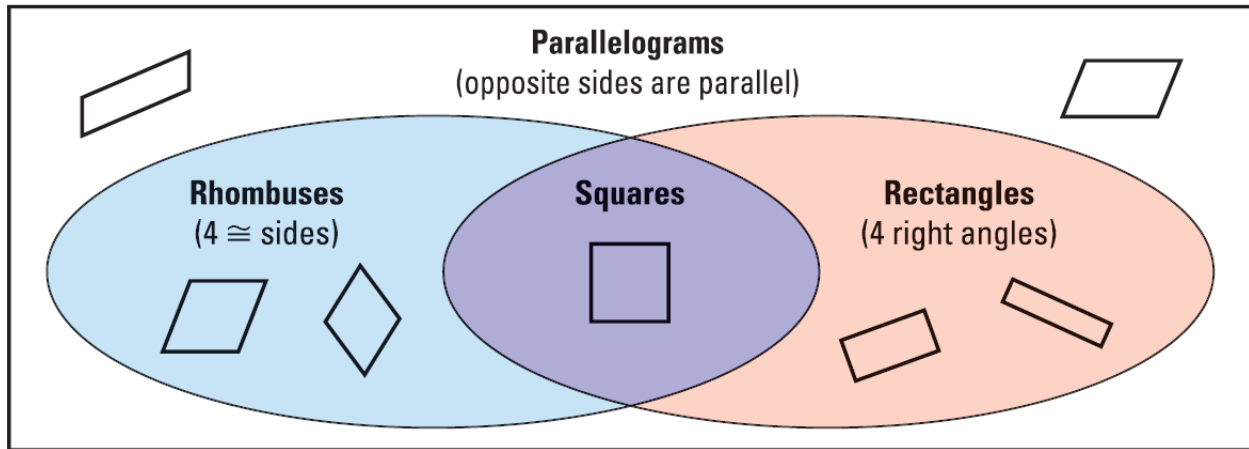
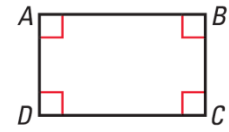
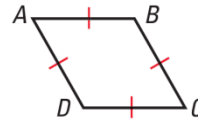
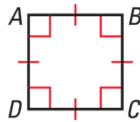


Geometry

7.4 Properties of Special Parallelograms

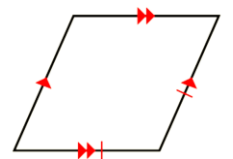
Parallelograms

- Rhombus
 - Four _____
- Rectangle
 - Four _____
- Square
 - _____ and _____
 - Four _____
 - Four _____



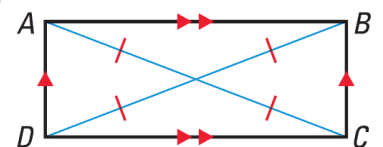
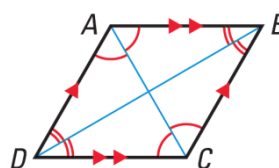
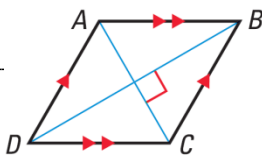
For any rectangle EFGH, is it always or sometimes true that $\overline{FG} \cong \overline{GH}$?

Classify the figure.



Diagonals

- Rhombus: diagonals are _____
 Rhombus: diagonals bisect _____
 Rectangle: diagonals are _____

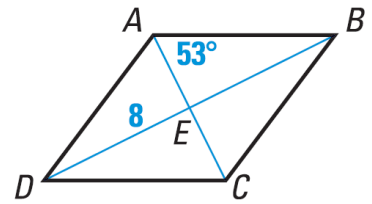


$ABCD$ is a rhombus

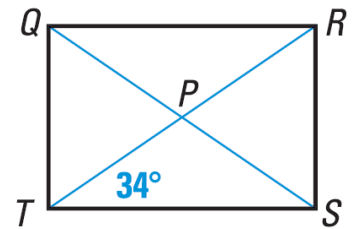
Find $m\angle BCE$

Find $m\angle ABD$

Find $m\angle AED$



In rectangle $QRST$, $QS = 7x - 15$ and $RT = 2x + 25$. Find the lengths of the diagonals of $QRST$.



Assignment: 379 #2, 4, 8, 10, 12, 14, 16, 18, 22, 24, 30, 32, 36, 38, 48, 50, 52, 62, 64, 66, 88, 89, 92, 94, 99 = 25