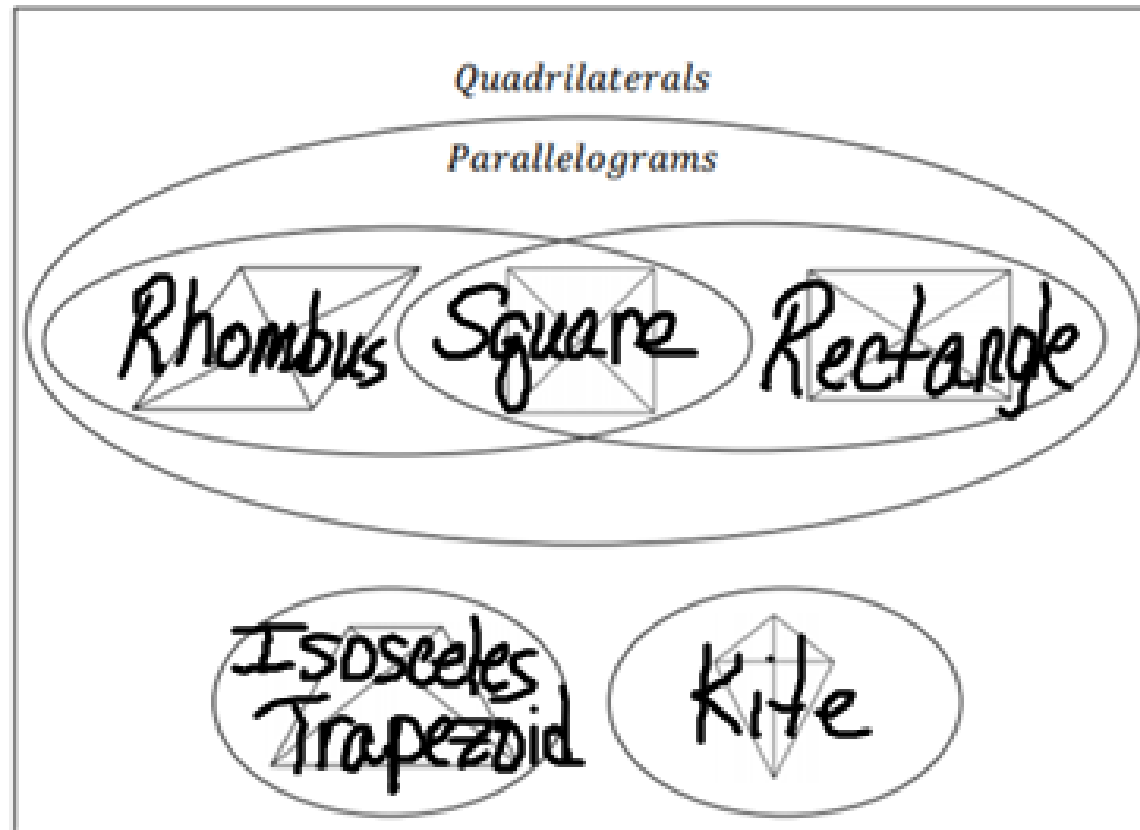
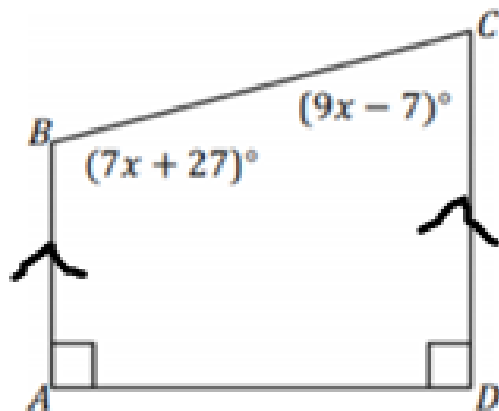


Name the specific quadrilaterals in the Venn Diagram below.



Characteristics of Quadrilaterals				
Polygon	Opposite Sides	Adjacent Sides	Angles	Diagonals
Parallelogram	\parallel & \cong		opp \angle 's are \cong Suppl	bisect ea. other
Rhombus	\parallel & \cong	\cong	opp \cong Suppl	bisect ea. other L, bisect opp \angle 's
Square	\parallel & \cong	\cong L	opp \cong Suppl all \angle 's \cong	bisect ea. other L bisect opp \angle 's diag \cong
Rectangle	\parallel & \cong	L	opp \cong Suppl all \angle 's \cong	bisect ea. other diag are \cong
Isosceles Trapezoid	non \parallel \cong 1 pr opp \parallel		base \angle 's \cong opp \angle 's Suppl	\cong
Kite	NO \parallel Sides	\cong NO \parallel Sides	1 pr opp \angle 's Suppl	L, bisect opp \angle 's bisect 1 diag.

Find the measure of each interior angle.



$$\begin{aligned}\angle B &= 70 + 27 \\ &= 97^\circ\end{aligned}$$

$$\begin{aligned}\angle C &= 90 - 7 \\ &= 83^\circ\end{aligned}$$

$$7x + 27 + 9x - 7 = 180$$

$$16x + 20 = 180$$

$$\begin{array}{r} -20 \\ -20 \\ \hline \end{array}$$

$$16x = 160$$

$$x = 10$$