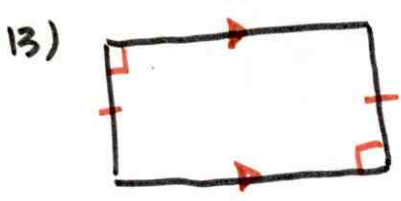
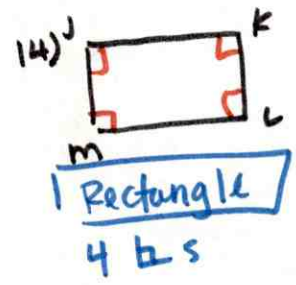


8.6

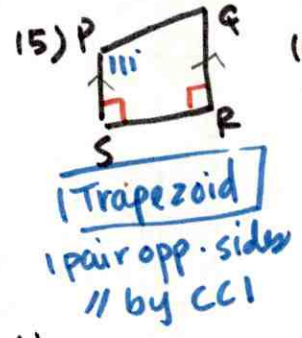
Property	□	Rectangle	Rhombus	Square	Kite	Trapezoid
3) all sides $\cong$			X	X		
4) Both pairs opp. sides $\cong$	X	X	X	X		
5) Both pairs opp. sides $\parallel$	X	X	X	X		
6) Exactly 1 pair of opp. sides $\parallel$				X		X
7) All $\angle$ s $\cong$		X				
8) Exactly one pair opp $\angle$ s $\cong$					X	
9) Diagonals $\perp$			X	X	X	
10) Diagonals $\cong$		X		X		Isosceles Trapezoid
11) Diagonals bisect each other	X	X	X	X		



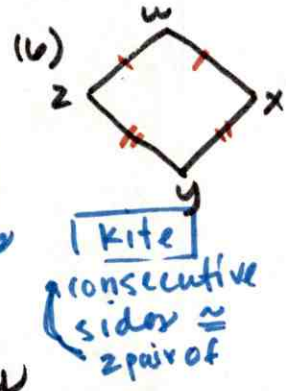
13) Rectangle



14) Rectangle  
4  $\perp$ s

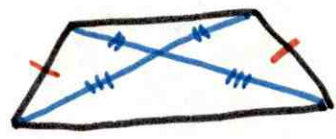


15) Trapezoid  
1 pair opp. sides  $\parallel$  by CCI



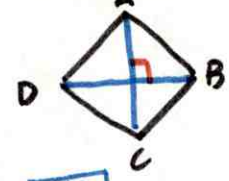
16) Kite  
(consecutive sides  $\cong$  2 pair of)

17) Congruent diagonals and exactly one pair of congruent sides.



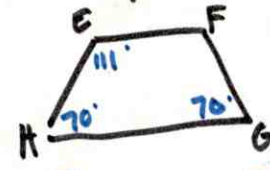
Isosceles trapezoid

18) Rhombus



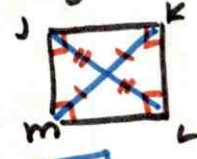
NO

19) isosceles trapezoid



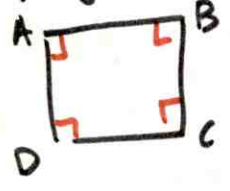
NO,  $m\angle F = 109^\circ$   
 $\rightarrow$  not a trap.

20) Square



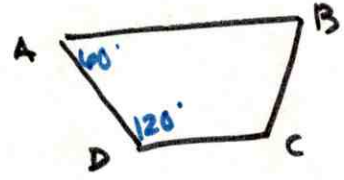
NO

26) Square



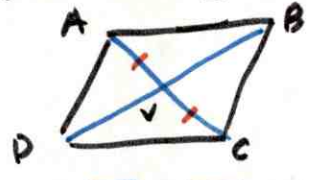
$\overline{AB} \cong \overline{BC}$ , then all 4 sides  $\cong$

27) Isosceles Trapezoid



$\overline{AD} \cong \overline{BC}$   
 $m\angle B = 60^\circ$   
 $m\angle C = 120^\circ$

28) Parallelogram



$\overline{DV} \cong \overline{BV}$ , diagonals bisect