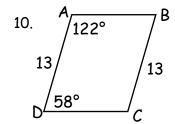
Complete with always, sometimes, or never.

- 1. A square is _____ a rectangle.
- 2. The diagonals of a rectangle are _____ congruent.
- 3. A rhombus _____ has consecutive congruent sides.
- 4. The diagonals of a rhombus _____ bisect each other.
- 5. The diagonals of a square are _____ perpendicular.

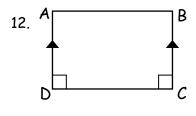
Complete each of the following statements.

- 6. A _____ is both a rhombus and a rectangle.
- 7. The ______ of a rhombus are perpendicular.
- 8. The _____ of a trapezoid is parallel to the bases and has a length equal to half the sum of the lengths of the bases.
- 9. A _____ is a quadrilateral with four congruent sides.

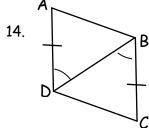
Study the markings (or Numbers) on each figure and decide whether <u>ABCD</u> <u>must be</u> a parallelogram. Explain your reasoning.

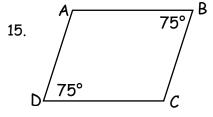


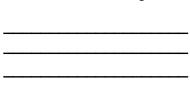
11.	$\overline{}$ B
13/	/13
58°	122°/
υ	c



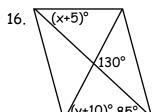


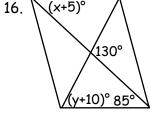


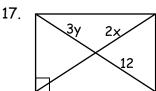


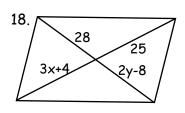


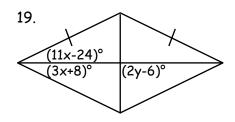
Write an equation and solve for each value in each of the following parallelograms. Explain your reasoning.

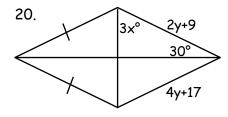








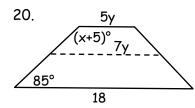


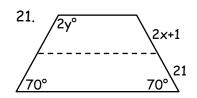


x =	_ because	

x =		because	
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Write an equation and solve for each value in each of the following trapezoids. The median is drawn as a dashed line. Explain your reasoning.





x =	because

y =		because	
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