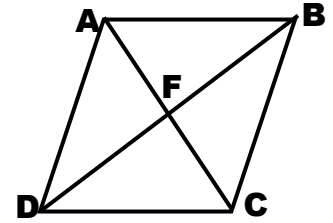


NAME _____ DATE _____ PER. _____

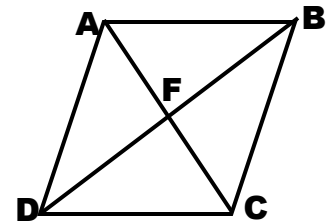
RHOMBI & SQUARES

Use rhombus ABCD and the given information for 1 – 5.

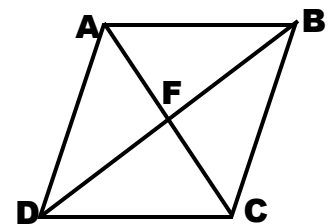
1. _____

If $m\angle BAF = 28^\circ$, find $m\angle ACD$.

2. _____

Find the value of 'x' if $m\angle AFB = (16x + 6)^\circ$.

3. _____

If $m\angle ACD = 34^\circ$, find $m\angle ABC$.

4. _____

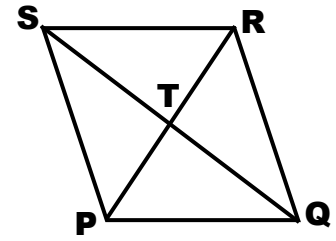
Find $m\angle ABD$ if $m\angle ABD = (2x+3)^\circ$ and $m\angle DBC = (4x-1)^\circ$.

5. _____

Find $m\angle DAB$ if $m\angle BAC = (4x + 6)^\circ$ and $m\angle ACD = (12x - 18)^\circ$.

Use rhombus PQRS for 6 – 9 and find each value.

6. _____	If $ST = 13$, find SQ .
7. _____	If $m\angle PRS = 17^\circ$, find $m\angle QRS$.
8. _____	Find $m\angle STR$.
9. _____	If $SP = 4x - 3$ and $PQ = 18 + x$, find SP .



A SQUARE has all the properties of a _____ and a _____.

Use square ABCD and the given information to find each value.

10. _____	If $m\angle AEB = (3x)^\circ$, find 'x'.
11. _____	If $m\angle BAC = (9x)^\circ$, find 'x'.
12. _____	If $AB = 2x + 4$ and $CD = 3x - 5$, find BC .

