

Properties of parallelograms

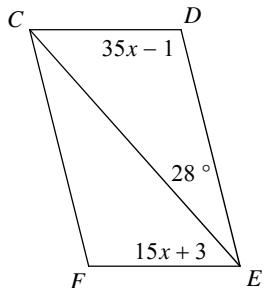
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Name \_\_\_\_\_

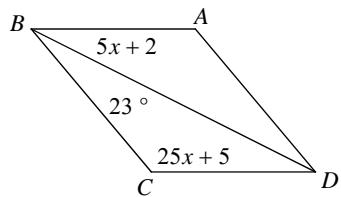
Date \_\_\_\_\_

**Find the measurement indicated in each parallelogram.**

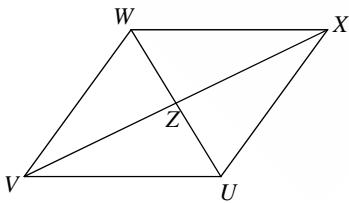
1) Find  $m\angle CEF$



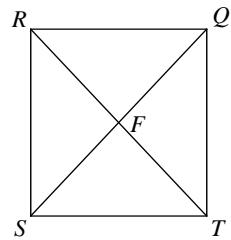
2) Find  $m\angle DBA$



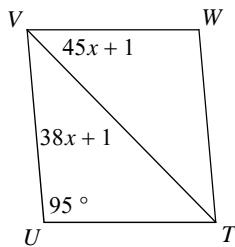
3)  $VZ = 3x - 7$   
 $VX = 4x + 2$   
 Find  $VZ$



4)  $SF = -3 + 2x$   
 $SQ = 2x + 4$   
 Find  $SF$



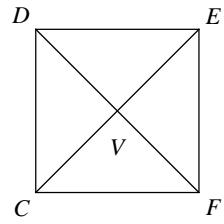
5) Find  $m\angle UVW$



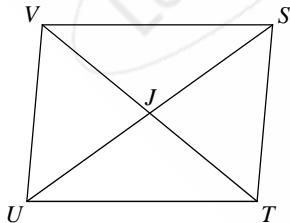
6)  $DV = 2x + 3$

$$DF = 3x + 15$$

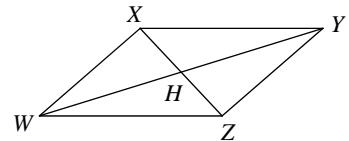
Find  $DV$



7)  $TJ = 4x + 3$   
 $JV = 5x - 2$   
Find  $TV$



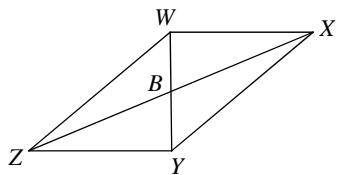
8)  $XH = 3x - 3$   
 $XZ = 4x + 4$   
Find  $XH$



9)  $XB = 2x - 5$

$XZ = 3x - 1$

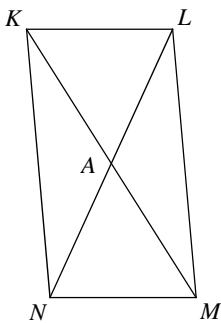
Find  $XB$



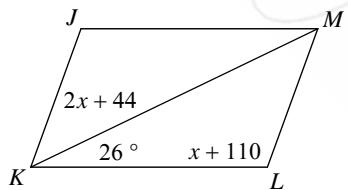
10)  $LA = 12x - 1$

$LN = 23x$

Find  $LA$



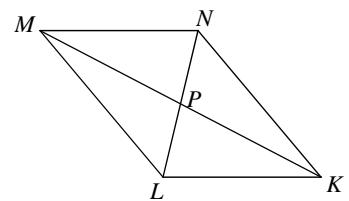
11) Find  $m\angle MKJ$



12)  $LP = -2 + x$

$LN = 4 + x$

Find  $LN$



## Answers to

1)  $48^\circ$

5)  $85^\circ$

9) 13

2)  $27^\circ$

6) 21

10) 23

3) 17

7) 46

11)  $44^\circ$

4) 7

8) 12

12) 12

