Geometry

5.2   Corrective Assignment #1
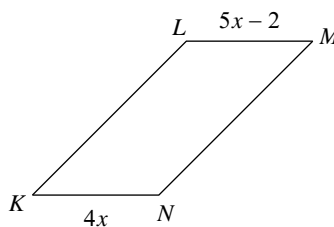
Solve for x. Each figure is a parallelogram.

1)

8x

8

2)

5x − 2

4x

3)

106°

14x + 8

4)

20

x + 20
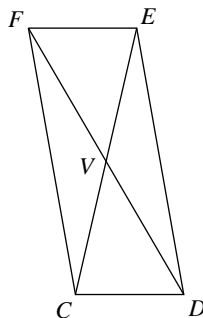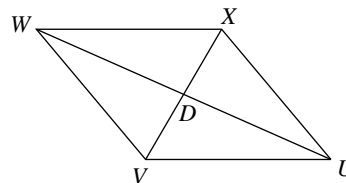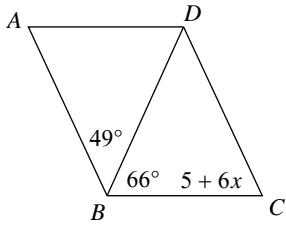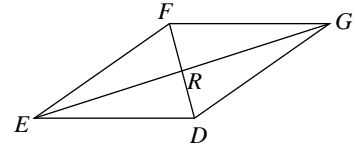
5) EV = 15
   VC = 2x − 1

6) VD = 24
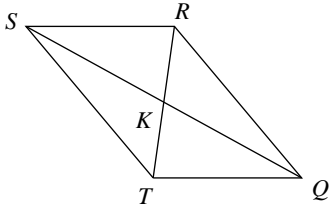   DX = 4x + 4

7)

8) $RG = 22$
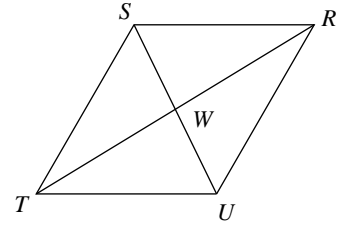 $EG = 15x - 1$

Find the measurement indicated in each parallelogram.
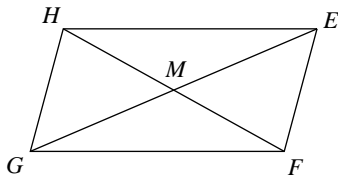
9) $SK = 3x - 1$
   $KQ = 2x + 6$
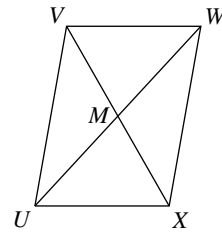   Find SK

10) $TW = 3x + 2$
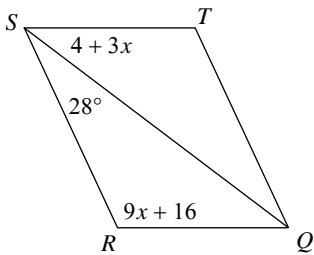 $WR = 4x - 1$
    Find TW

11) $FM = 2x + 6$
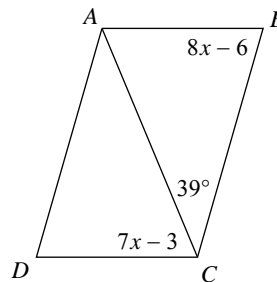 $MH = 3x - 1$
    Find FM

12) $VM = x + 6$
    $MX = -1 + 2x$
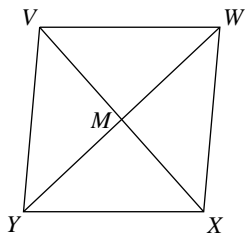   Find VM

13) Find $m\angle RQT$
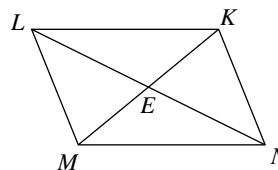

14) Find $m\angle D$

15) $WM = 3x$
 $MY = 2x + 4$
 Find WY

16) $ME = 3x + 3$
 $EK = 2x + 9$
 Find MK

Answers to 5.2   Corrective Assignment #1

1) 1

2) 2

3) 7

4) 0

5) 8

6) 5

7) 10

8) 3

9) 20

10) 11

11) 20

12) 13

13) 65°

14) 74°

15) 24

16) 42