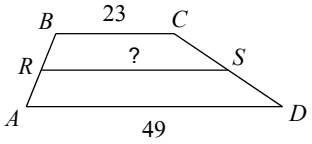
Geometry 1 - Mr. C. - All work on looseleaf. Name_____

Q4Week 1 Practice - Ref. Ch. 6

Date_____ Period____

Find the length of the midsegment of each trapezoid.

1)



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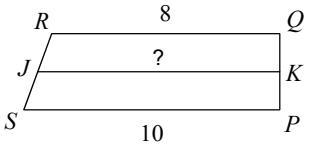

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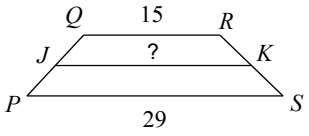

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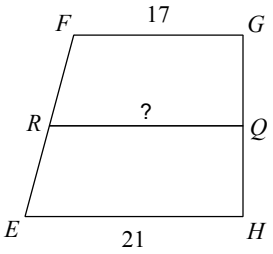

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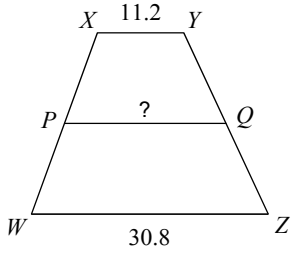

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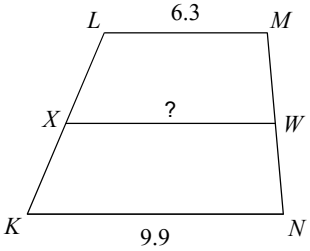

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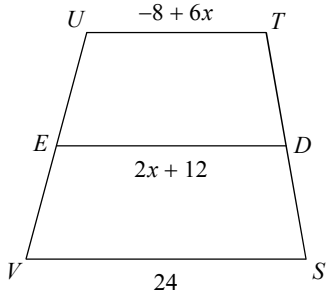

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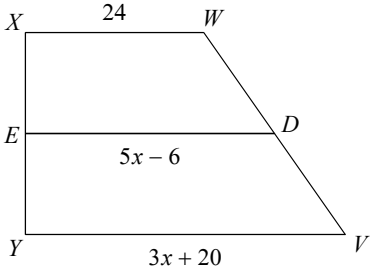

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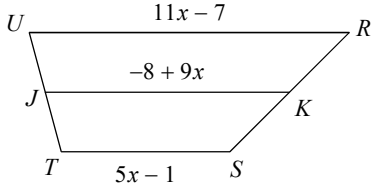

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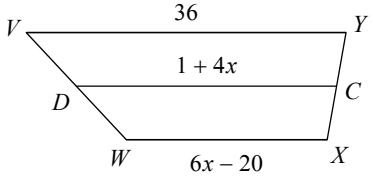

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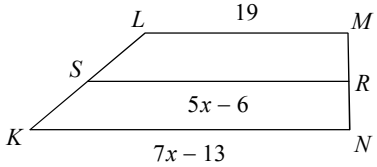

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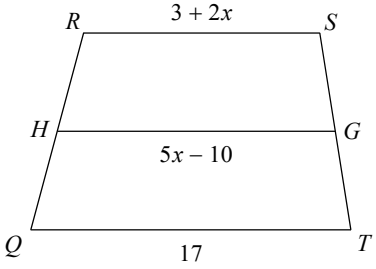
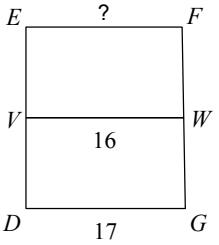


Find the lengh of the base indicated for each trapezoid.

13)



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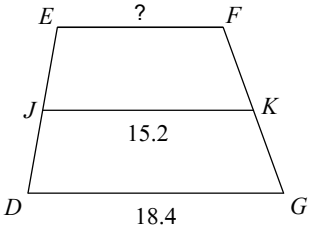

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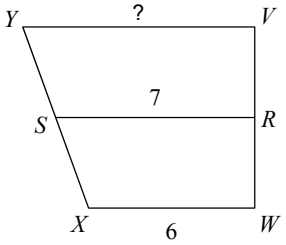

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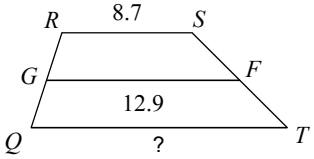

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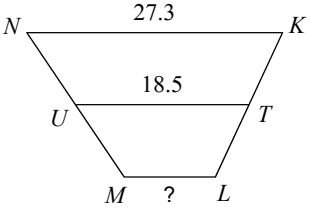

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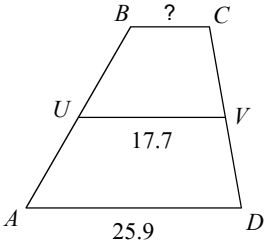
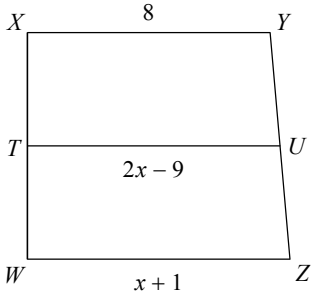
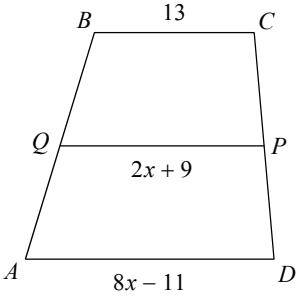


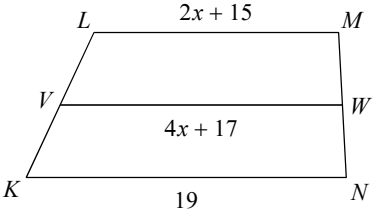
19) Find *WZ*



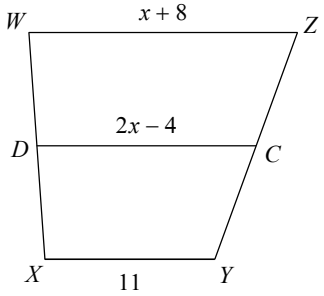
20) Find *AD*



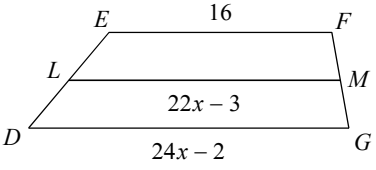
21) Find *LM*



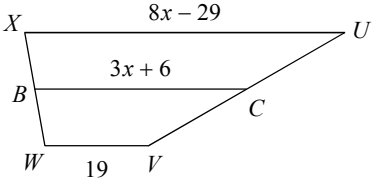
22) Find *ZW*



23) Find *DG*

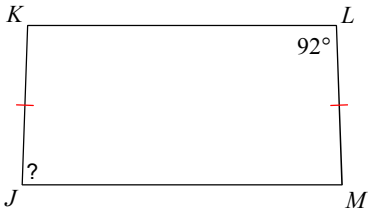


24) Find *UX*



Find the measurement of the angle indicated for each trapezoid.

25)



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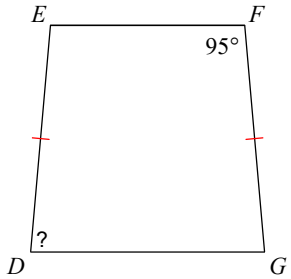

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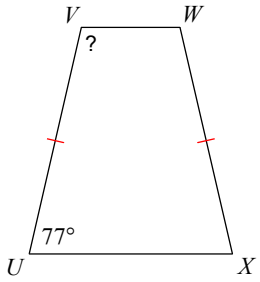

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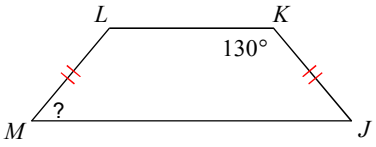

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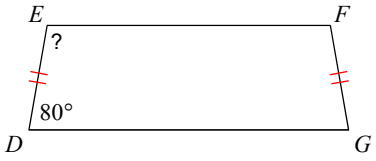
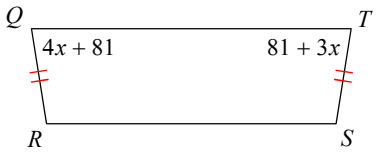
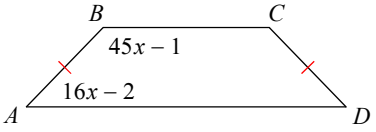


30)

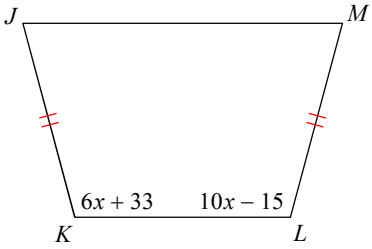
31) Find $m\angle Q$



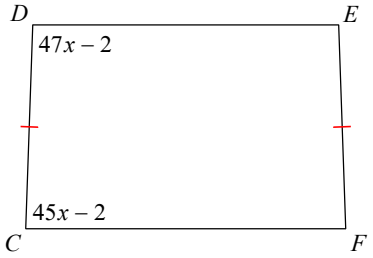
32) Find $m\angle A$



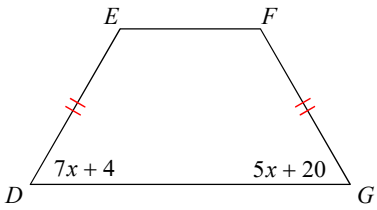
33) Find $m\angle K$



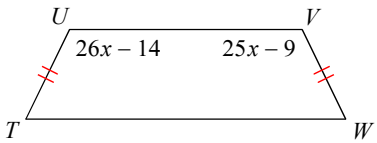
34) Find $m\angle C$



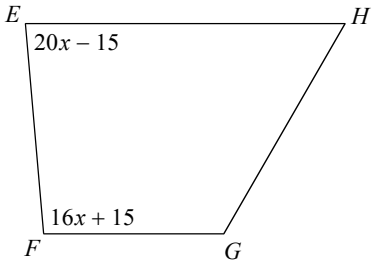
35) Find $m\angle G$



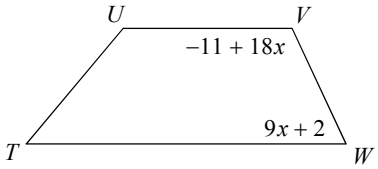
36) Find $m\angle U$



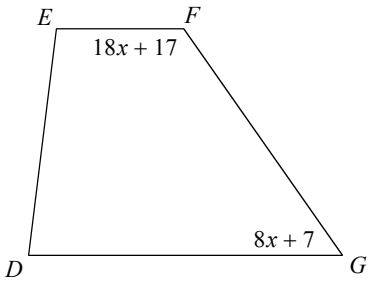
37) Find $m\angle E$



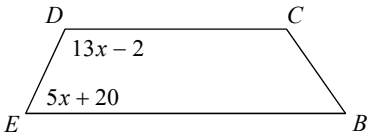
38) Find $m\angle V$



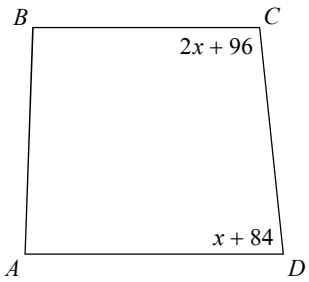
39) Find $m\angle F$



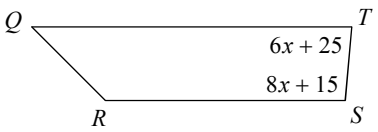
40) Find $m\angle D$



41) Find $m\angle D$

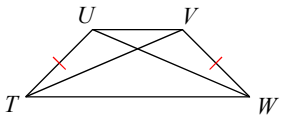


42) Find $m\angle S$

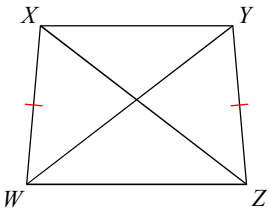


Find the length of the diagonal indicated for each trapezoid.

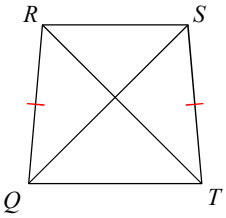
43) $TV = 4x - 3$
$UW = 2x + 5$
Find TV



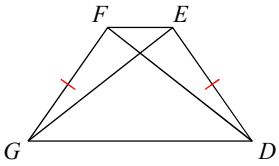
44) $XZ = -17 + 6x$
$WY = 4x - 5$
Find XZ



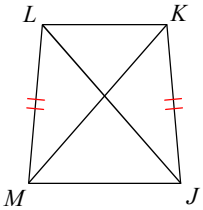
45) $QS = 3x - 8$
$RT = 2x - 1$
Find QS



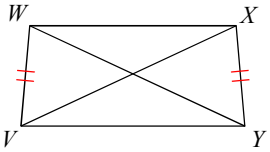
46) $FD = x + 15$
$GE = 4x - 12$
Find FD



47) $MK = 4x - 14$
$LJ = 5x - 23$
Find MK

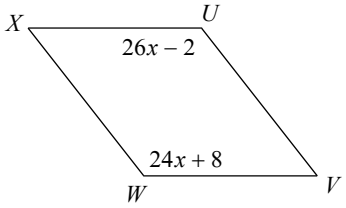


48) $WY = 2x + 12$
$VX = 4x + 12$
Find WY

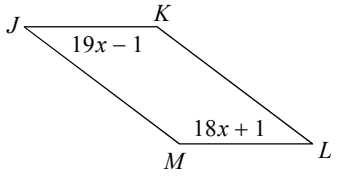


Find the measurement indicated in each parallelogram.

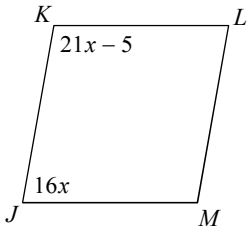
49) Find $m\angle X$



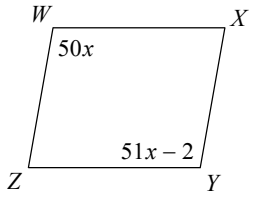
50) Find $m\angle L$



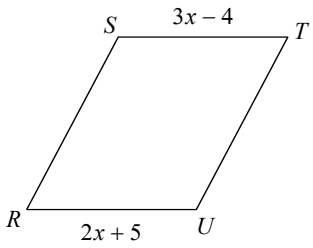
51) Find $m\angle K$



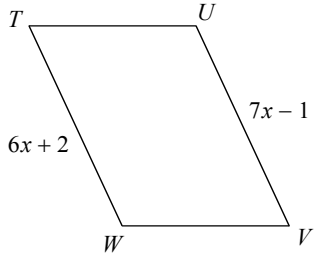
52) Find $m\angle Y$



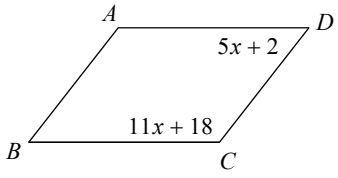
53) Find ST



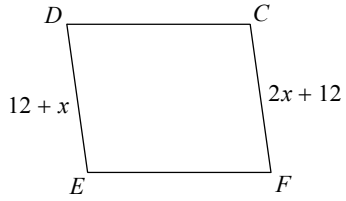
54) Find UV



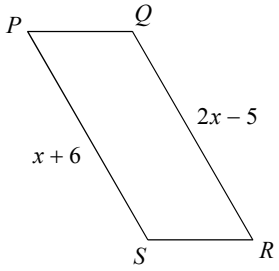
55) Find $m\angle D$



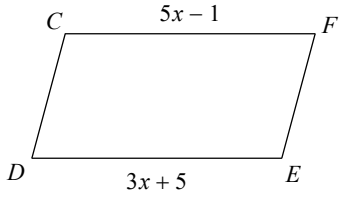
56) Find ED



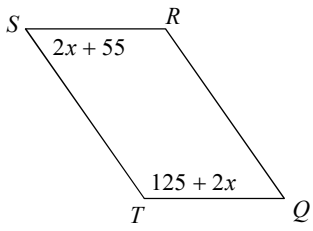
57) Find QR



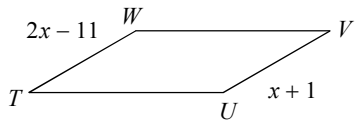
58) Find ED



59) Find $m\angle R$

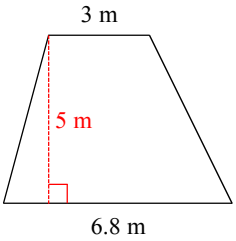


60) Find VU

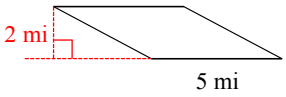


Find the area of each.

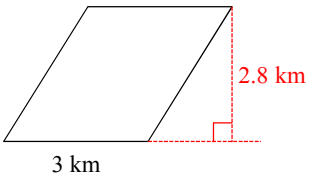
61)



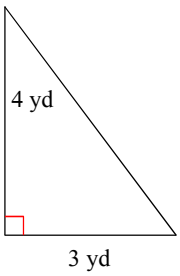
62)



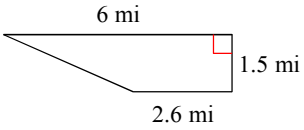
63)



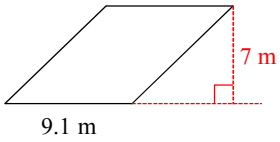
64)



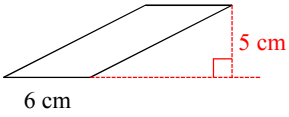
65)



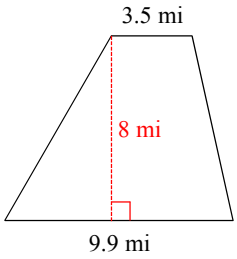
66)



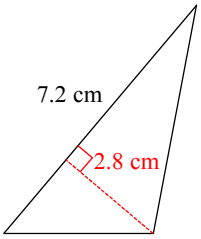
67)



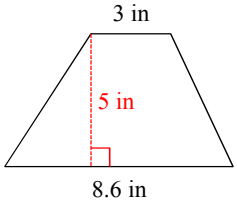
68)



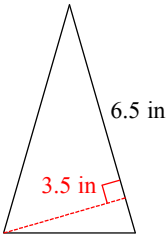
69)



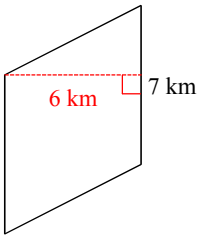
70)



71)



72)



Answers to Q4Week 1 Practice - Ref. Ch. 6 (ID: 1)

1) 36
2) 9
3) 22
4) 19
5) 21
6) 8.1
7) 20
8) 34
9) 28
10) 29
11) 24
12) 15
13) 15
14) 12
15) 8
16) 17.1
17) 9.7
18) 9.5
19) 10
20) 21
21) 15
22) 17
23) 22
24) 59
25) 88°
26) 85°
27) 103°
28) 50°
29) 100°
30) 105°
31) 81°
32) 46°
33) 105°
34) 88°
35) 60°
36) 116°
37) 85°
38) 115°
39) 125°
40) 115°
41) 84°
42) 95°
43) 13
44) 19
45) 13
46) 24
47) 22
48) 12
49) 52°
50) 37°
51) 100°
52) 100°
53) 23
54) 20
55) 52°
56) 12
57) 17
58) 14
59) 125°
60) 13
61) 24.5 m^2
62) 10 mi^2
63) 8.4 km^2
64) 6 yd^2
65) 6.45 mi^2
66) 63.7 m^2
67) 30 cm^2
68) 53.6 mi^2
69) 10.08 cm^2
70) 29 in^2
71) 11.375 in^2
72) 42 km^2