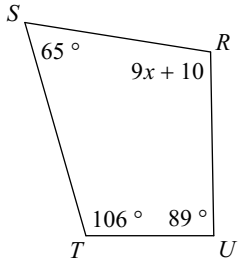
Activity 0329

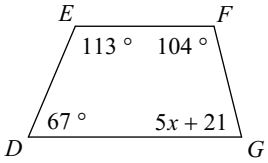
Date_____ Period____

Solve for *x*.

1)

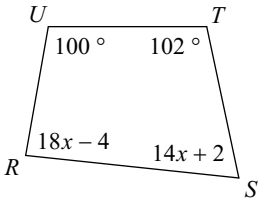


2)

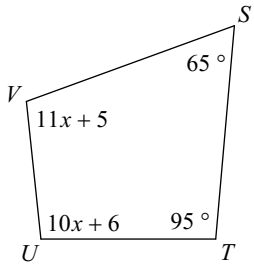


Find the measure of each angle indicated.

3) $m\angle R$

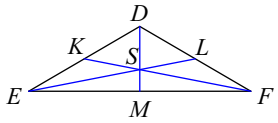


4) $m\angle U$

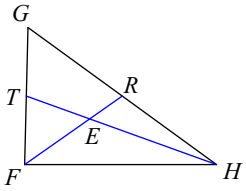


Each figure shows a triangle with one or more of its medians.

5) Find x if $ES = x + 5$ and $EL = 3x + \frac{3}{2}$

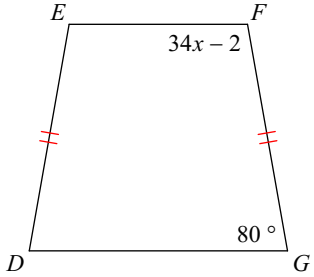


6) Find x if $HG = \frac{x - 4}{2}$ and $RG = \frac{2x - 11}{4}$

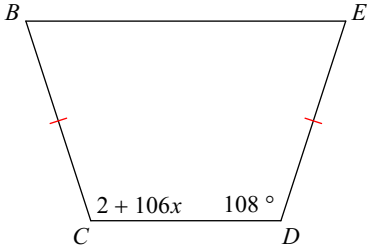


Solve for *x*. Each figure is a trapezoid.

7)

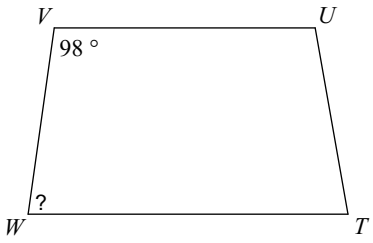


8)

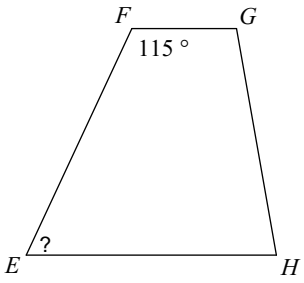


Find the measurement of the angle indicated for each trapezoid.

9)

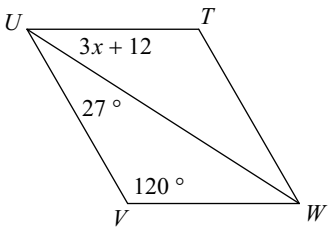


10)

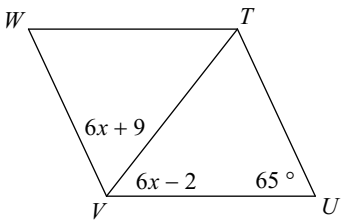


Solve for *x*. Each figure is a parallelogram.

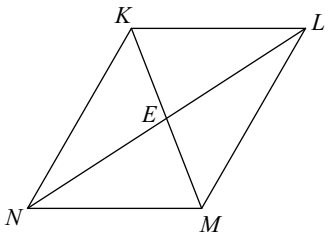
11)



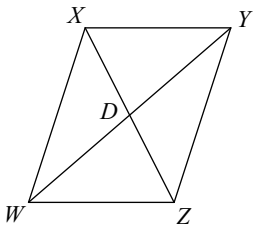
12)



13) $EN = 15$
$LN = 6 + 6x$

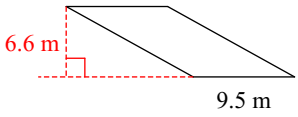


14) $XD = 22$
$DZ = 6x + 4$

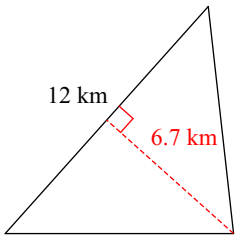


Find the area of each.

15)



16)



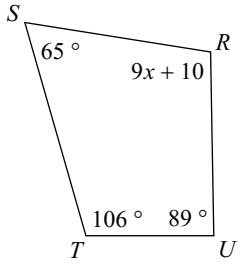
Geometry Name_____ ID: 1

Activity 0329

Date_____ Period____

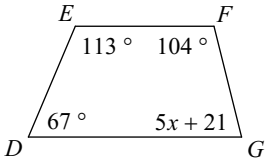
Solve for *x*.

1)



10

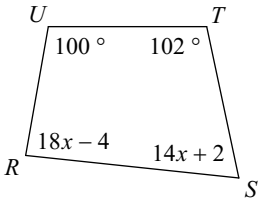
2)



11

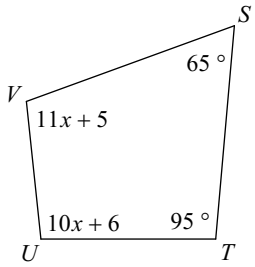
Find the measure of each angle indicated.

3) $m\angle R$



86°

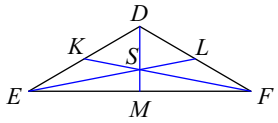
4) $m\angle U$



96°

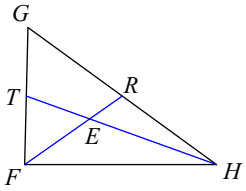
Each figure shows a triangle with one or more of its medians.

5) Find x if $ES = x + 5$ and $EL = 3x + \frac{3}{2}$



4

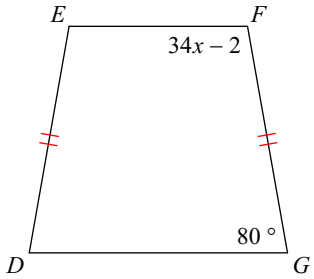
6) Find x if $HG = \frac{x - 4}{2}$ and $RG = \frac{2x - 11}{4}$



7

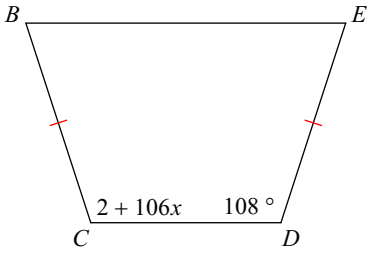
Solve for *x*. Each figure is a trapezoid.

7)



3

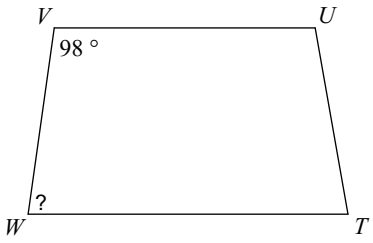
8)



1

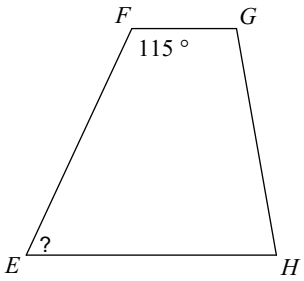
Find the measurement of the angle indicated for each trapezoid.

9)



82°

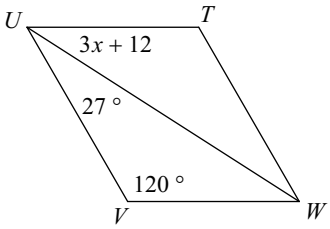
10)



65°

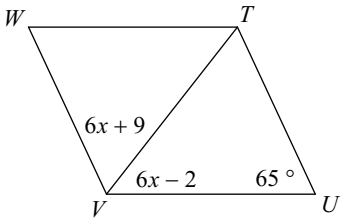
Solve for *x*. Each figure is a parallelogram.

11)



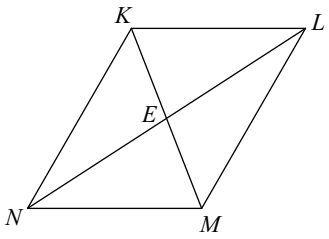
7

12)



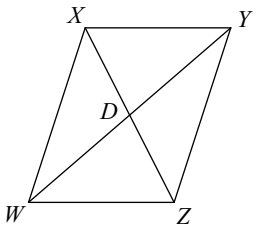
9

13) $EN = 15$
$LN = 6 + 6x$



4

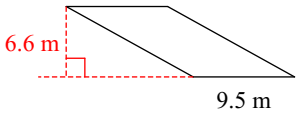
14) $XD = 22$
$DZ = 6x + 4$



3

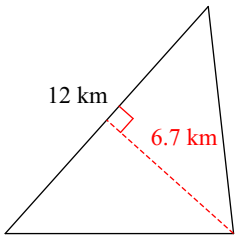
Find the area of each.

15)



62.7 m²

16)



40.2 km²