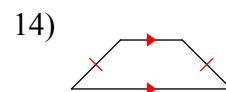
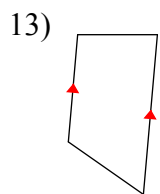
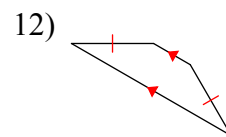
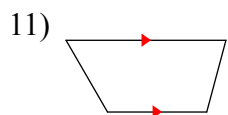
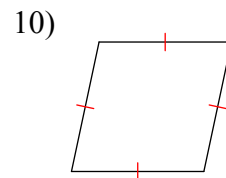
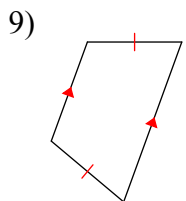
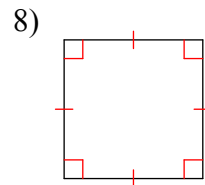
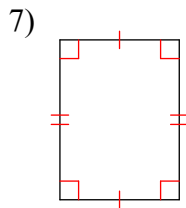
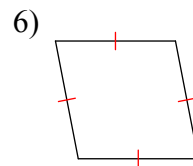
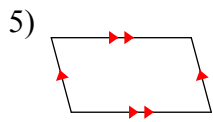
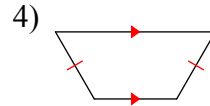
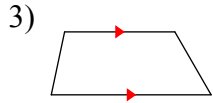
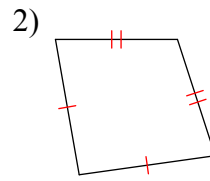
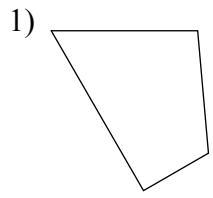
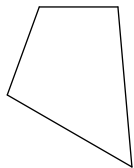


### Chapter 6: Quadrilaterals

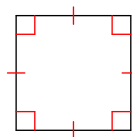
State the most specific name for each figure.



15)

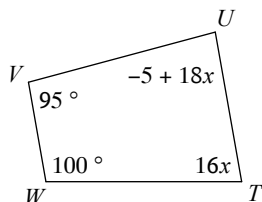


16)

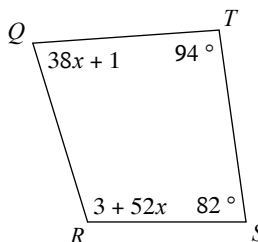


**Find the measure of each angle indicated.**

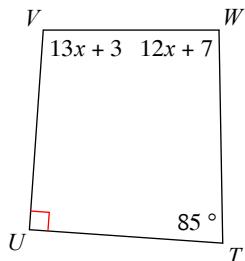
17)  $m\angle T$



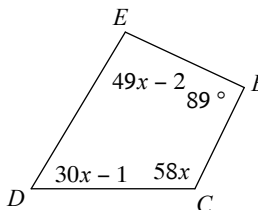
18)  $m\angle R$



19)  $m\angle V$

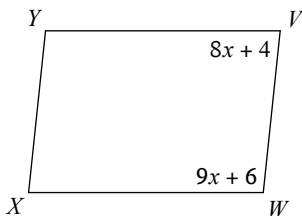


20)  $m\angle E$

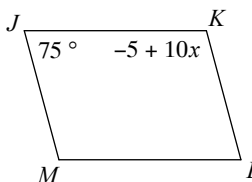


**Solve for x. Each figure is a parallelogram.**

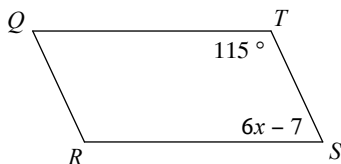
21)



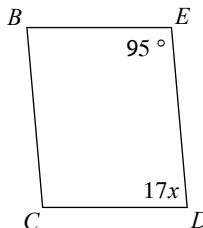
22)



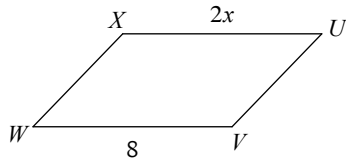
23)



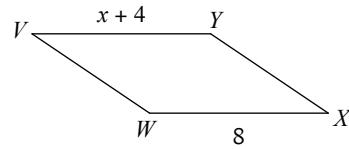
24)



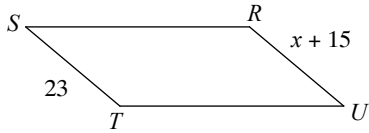
25)



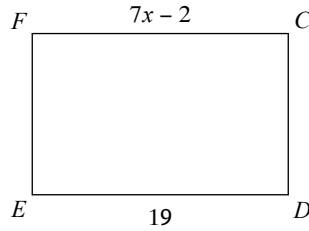
26)



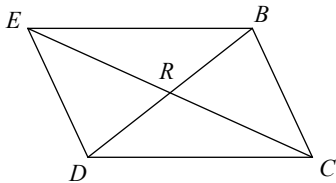
27)



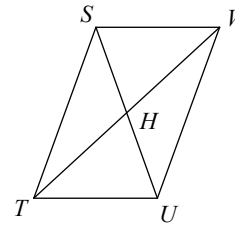
28)



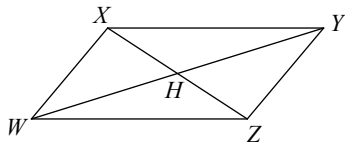
29)  $RE = 12$   
 $CE = 24x$



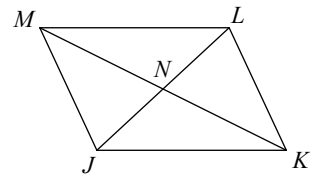
30)  $HS = 6$   
 $US = x$



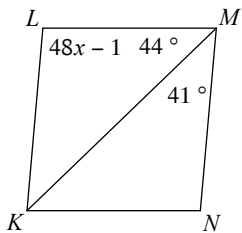
31)  $XH = 7$   
 $HZ = x - 2$



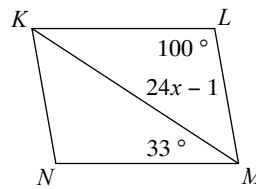
32)  $NJ = 12$   
 $LJ = 5x - 1$



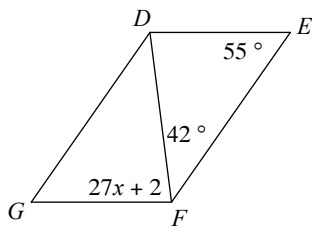
33)



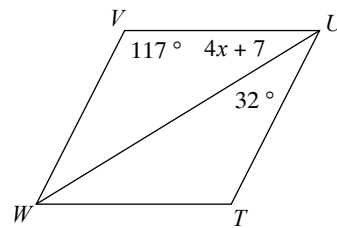
34)



35)

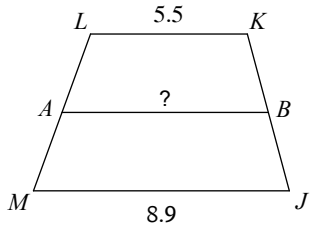


36)

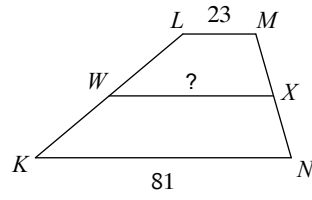


Find the length of the midsegment of each trapezoid.

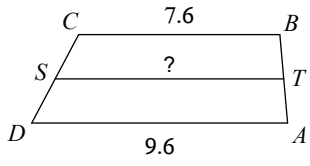
37)



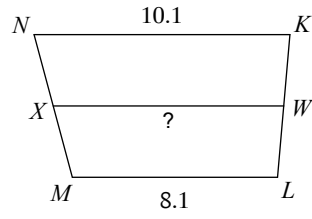
38)



39)



40)



## Answers to Chapter 6: Quadrilaterals (ID: 1)

- |                        |                         |                   |                         |
|------------------------|-------------------------|-------------------|-------------------------|
| 1) quadrilateral       | 2) kite                 | 3) trapezoid      | 4) isosceles trapezoid  |
| 5) parallelogram       | 6) rhombus              | 7) rectangle      | 8) square               |
| 9) isosceles trapezoid | 10) rhombus             | 11) trapezoid     | 12) isosceles trapezoid |
| 13) trapezoid          | 14) isosceles trapezoid | 15) quadrilateral | 16) square              |
| 17) $80^\circ$         | 18) $107^\circ$         | 19) $94^\circ$    | 20) $96^\circ$          |
| 21) 10                 | 22) 11                  | 23) 12            | 24) 5                   |
| 25) 4                  | 26) 4                   | 27) 8             | 28) 3                   |
| 29) 1                  | 30) 12                  | 31) 9             | 32) 5                   |
| 33) 2                  | 34) 2                   | 35) 3             | 36) 6                   |
| 37) 7.2                | 38) 52                  | 39) 8.6           | 40) 9.1                 |