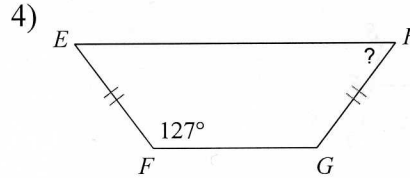
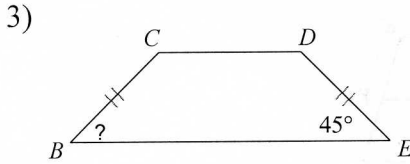
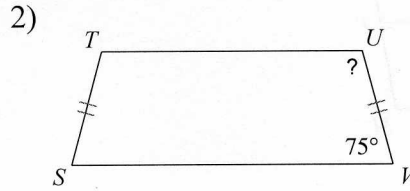
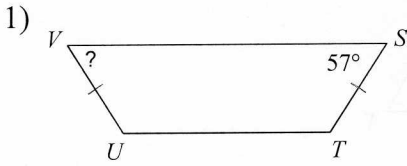
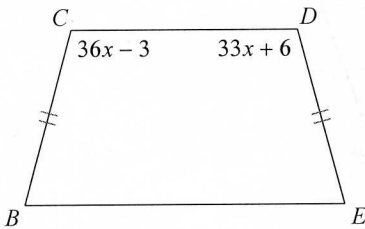


9-3 Trapezoids (ver1)_hw

Find the measurement of the angle indicated for each trapezoid.



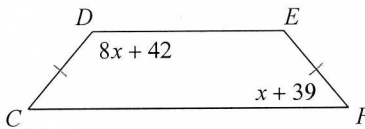
5) Find $m\angle C$



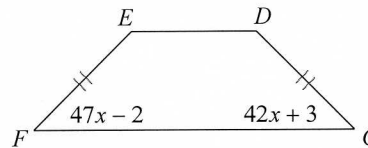
6) Find $m\angle B$



7) Find $m\angle D$

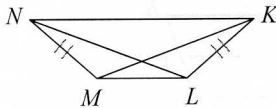


8) Find $m\angle D$

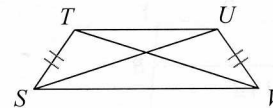


Find the length of the diagonal indicated for each trapezoid.

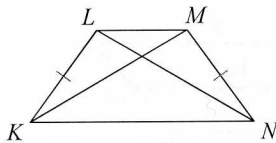
9) $KM = 10$
Find LN



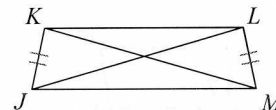
10) $SU = 7.2$
Find TV



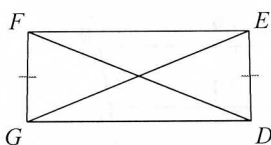
11) $LN = 4x - 27$
 $KM = x$
Find LN



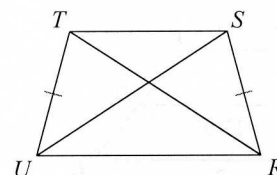
12) $KM = x + 5$
 $JL = -4 + 2x$
Find KM



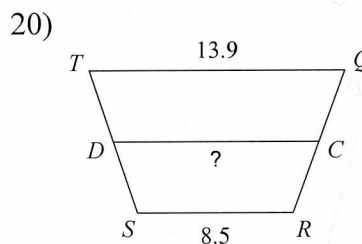
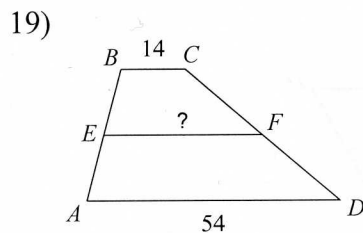
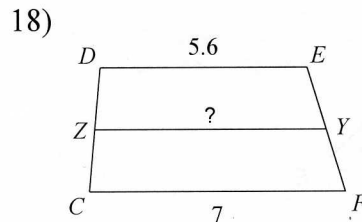
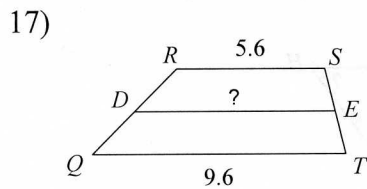
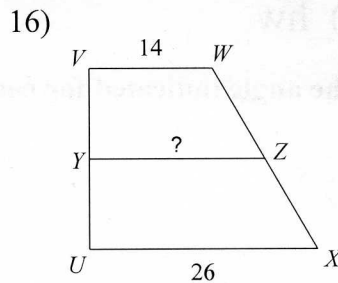
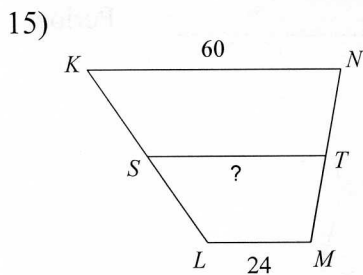
13) $GE = 7x - 6$
 $FD = 4x$
Find GE



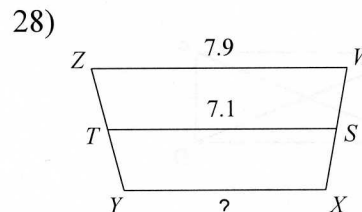
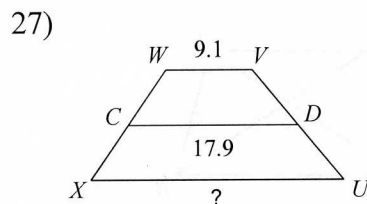
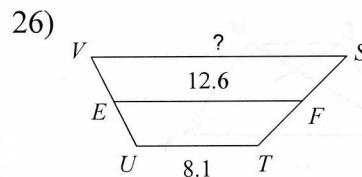
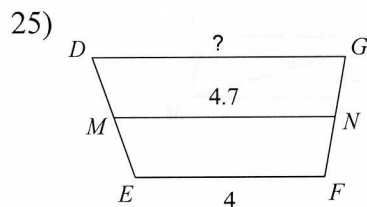
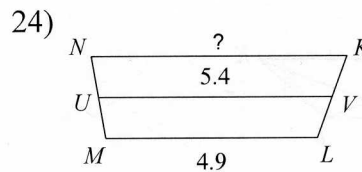
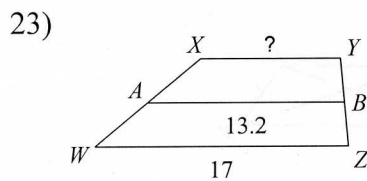
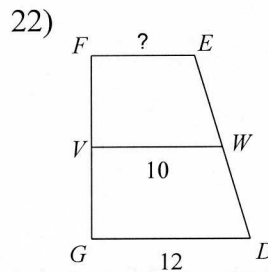
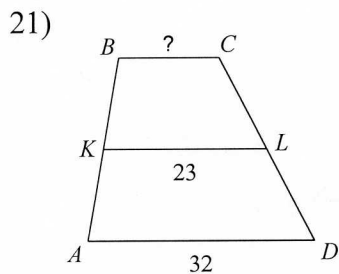
14) $TR = x + 14$
 $US = 5x - 14$
Find TR



Find the length of the median of each trapezoid.



Find the length of the base indicated for each trapezoid.



Answers to 9-3 Trapezoids (ver1)_hw

- 4) 53°
- 8) 135°
- 12) 14
- 16) 20
- 20) 11.2
- 24) 5.9
- 28) 6.3

- 3) 45°
- 7) 130°
- 11) 9
- 15) 42
- 19) 34
- 23) 9.4
- 27) 26.7

- 2) 105°
- 6) 120°
- 10) 7.2
- 14) 21
- 18) 6.3
- 22) 8
- 26) 17.1

- 1) 57°
- 5) 105°
- 9) 10
- 13) 8
- 17) 7.6
- 21) 14
- 25) 5.4