

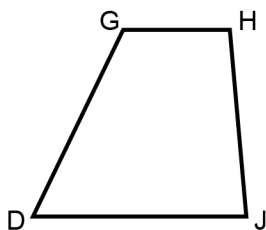
Name : _____ Score : _____

Teacher : _____ Date : _____

Properties of Trapezoids

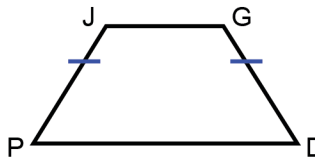
Find the length of the angle indicated.

1)



$m\angle G = 113^\circ$
Find $m\angle D$.

2)



$m\angle J = 107^\circ$
Find $m\angle D$.

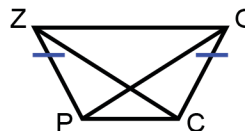
Find the length of the diagonal indicated.

3)



$EA = 6$
Find YR

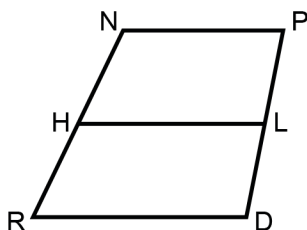
4)



$PG = 35$
Find ZC

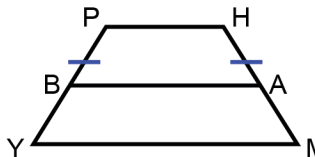
Find the length of the median.

5)



$NP = 10$, $RD = 34$
Find HL

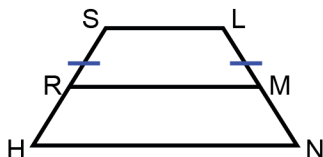
6)



$PH = 11$, $YM = 35$
Find BA

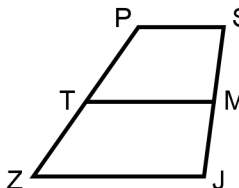
Find the length of the specified base.

7)



$HN = 31$, $RM = 23$
Find SL

8)



$ZJ = 31$, $TM = 23$
Find PS

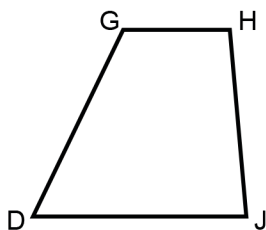
Name : _____ Score : _____

Teacher : _____ Date : _____

Properties of Trapezoids

Find the length of the angle indicated.

1)

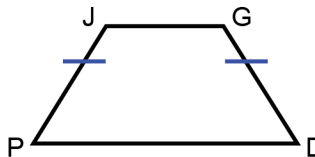


$$m\angle G = 113^\circ$$

Find $m\angle D$.

$$m\angle D = 67^\circ$$

2)



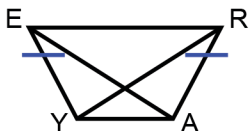
$$m\angle J = 107^\circ$$

Find $m\angle D$.

$$m\angle D = 73^\circ$$

Find the length of the diagonal indicated.

3)

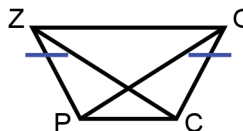


$$EA = 6$$

Find YR

$$YR = 6$$

4)



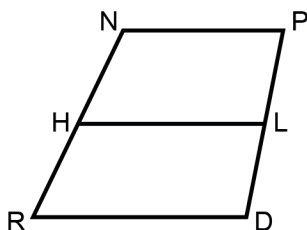
$$PG = 35$$

Find ZC

$$ZC = 35$$

Find the length of the median.

5)

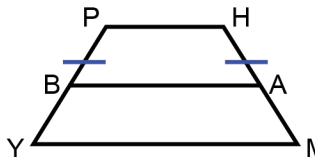


$$NP = 10, RD = 34$$

Find HL

$$HL = 22$$

6)



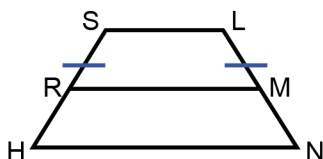
$$PH = 11, YM = 35$$

Find BA

$$BA = 23$$

Find the length of the specified base.

7)

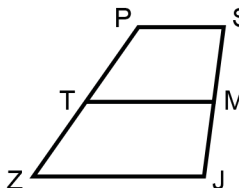


$$HN = 31, RM = 23$$

Find SL

$$SL = 15$$

8)



$$ZJ = 31, TM = 23$$

Find PS

$$PS = 15$$