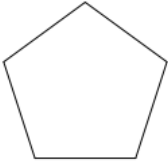
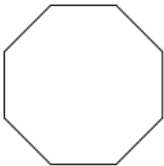
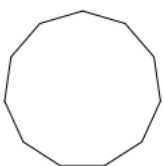
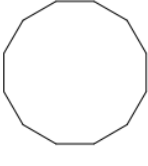
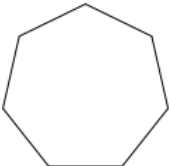
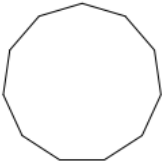


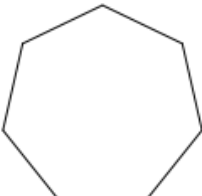
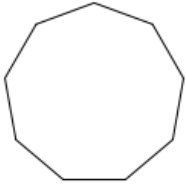
Find the measure of one interior angle in each polygon. Round your answer to the nearest tenth if necessary.

1.  2.  3.  4.  5. Regular 16 – gon

Find the measure of one exterior angle in each polygon. Round your answer to the nearest tenth if necessary.

6.  7.  8. Regular 24 – gon 9. Regular 13 – gon

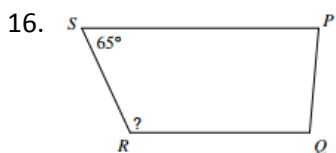
Find the interior angle sum in each polygon. Round your answer to the nearest tenth if necessary.

10.  11.  12. Regular 15 – gon 13. Regular 18 – gon

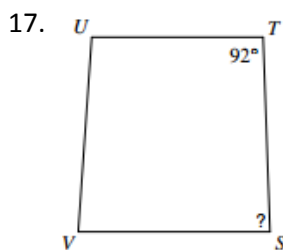
14. What is the exterior angle sum of a 500-gon?

15. Is there a regular polygon with an interior sum of 9000° ? Justify your answer.

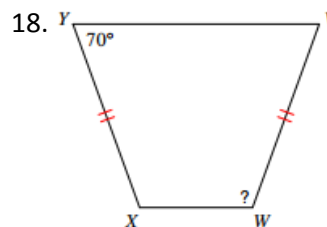
Find the value of each indicated angle in each trapezoid.



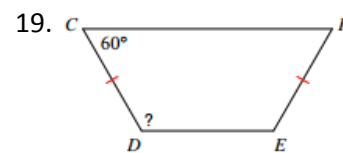
$m\angle R = \underline{\hspace{2cm}}$



$m\angle S = \underline{\hspace{2cm}}$

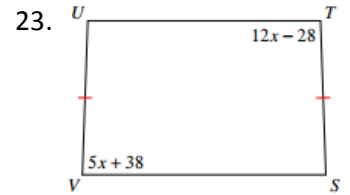
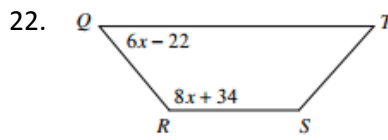
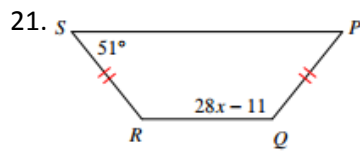
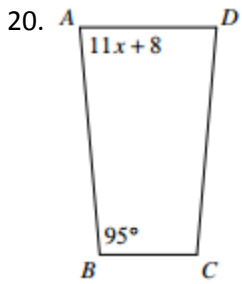


$m\angle W = \underline{\hspace{2cm}}$

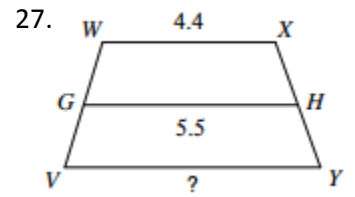
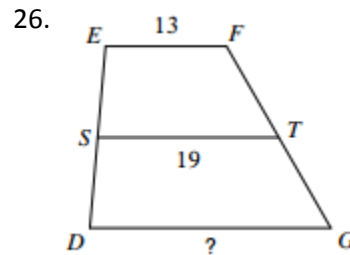
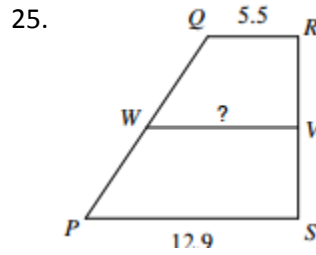
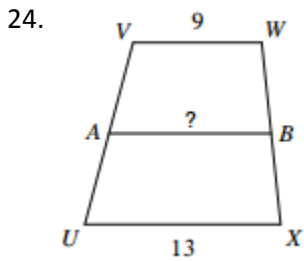


$m\angle D = \underline{\hspace{2cm}}$

Solve for x in each trapezoid.



Find the length of the indicated segment of the trapezoid with midsegments.



$AB = \underline{\hspace{2cm}}$

$WV = \underline{\hspace{2cm}}$

$DG = \underline{\hspace{2cm}}$

$VY = \underline{\hspace{2cm}}$

Solve for x in each trapezoid.

