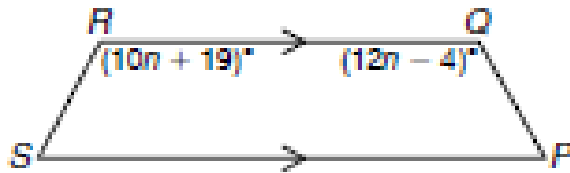


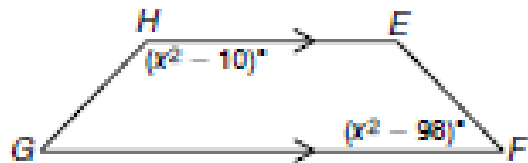
Applied Geometry

CW/HW Ch6 D6: Trapezoids

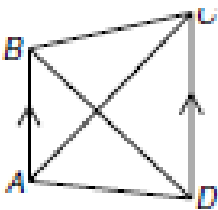
1. Find the value of n so that $PQRS$ is Isosceles.



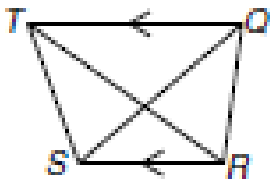
2. Find the value of x so that $EFGH$ is Isosceles.



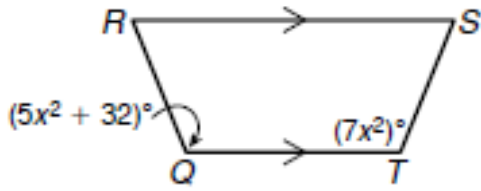
3. $BD = 7a - 0.5$, and $AC = 5a + 2.3$. Find the value of a so that $ABCD$ is Isosceles.



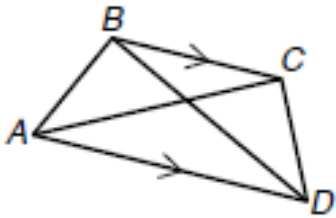
4. $QS = 8z^2$, and $RT = 6z^2 + 38$. Find the value of z so that $QRST$ is Isosceles. Round to the nearest tenth.



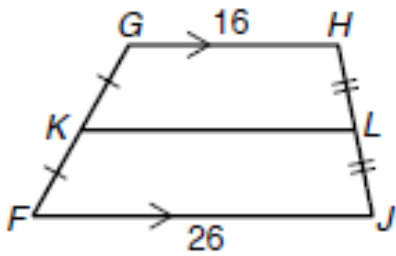
5. Find the value of x , trapezoid $QRST$ is an isosceles trapezoid.



1. $AC = 2z + 9$, and $BD = 4z - 3$. Find the value of z , if trapezoid $ABCD$ is an isosceles trapezoid.



2. Find the length of KL .



3. Find the length of PQ .

