

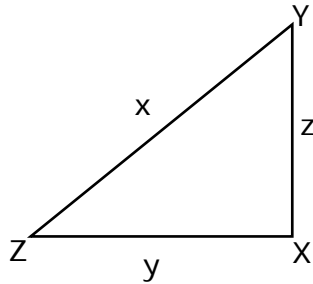
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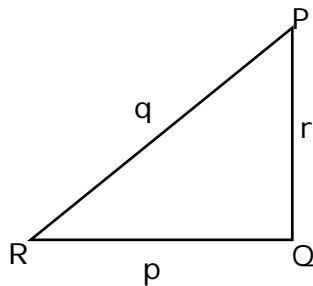
Proving the Formula $A = \frac{1}{2} ab \sin(C)$ - Guided Lesson

Complete the following problems:

1) Prove: The area of triangle $XYZ = \frac{1}{2} xy \sin Z$.



2) Given side $p = 11$, side $q = 150$, and side $r = 15$. Prove: Find the area of triangle by sin rule formula.



3) Prove area of triangle = $\frac{1}{2} mn \sin O$.

