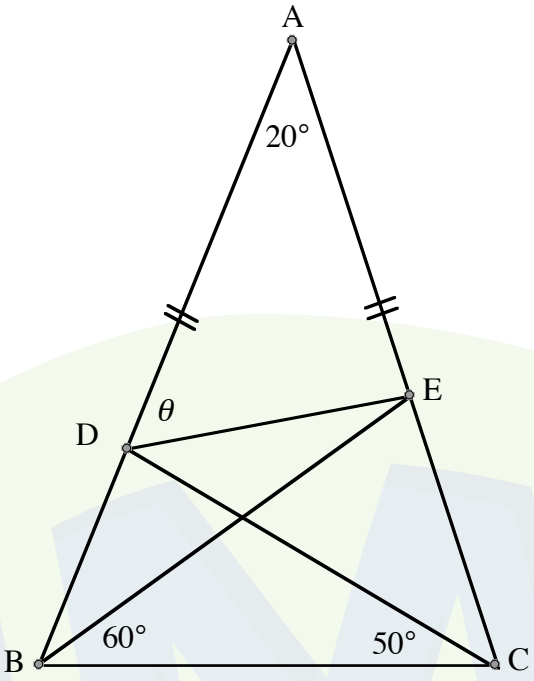
A Triangular Cunundrum



ASSUMPTION

ΔABC is an isosceles triangle

in which $\angle BAC = 20°$

and $\overline{AB} = \overline{AC}$

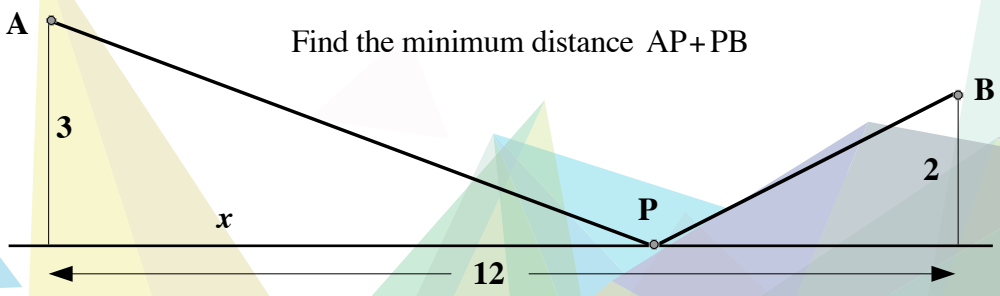
Prove that $\theta = 50°$

Use Geometry only ...
ie angles of a triangle ,
parallel lines ,
congruent triangles ,
Pythagoras' Theorem
etcetera

If you can solve this famous mathematics problem in under two hours then you are a gifted mathematician.
If this problem takes more than two hours or cannot be solved then you are still a gifted mathematician but you don't realise it just yet.
The Old Master Coach believes that everyone is gifted ;
it just takes some people longer to appreciate their real talents.

..... **Robert A OLLIS**

and for the calculus gurus ... a simple problem with a simple answer ..



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