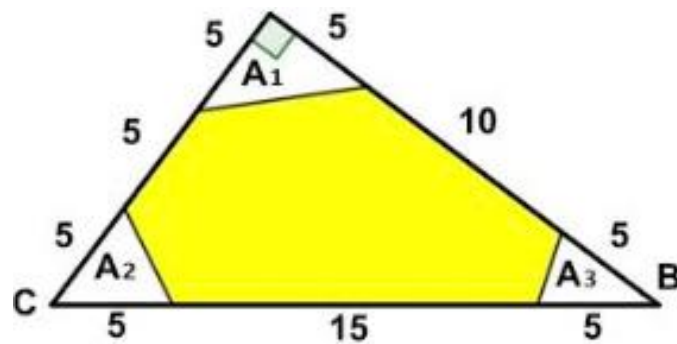


SOLUTION

OCTOBER MATH CHALLENGE



$$\sin B = 15 / 25 = h_3 / 5 \Rightarrow h_3 = 3 ; A_3 = 15 / 2$$

$$\sin C = 20 / 25 = h_2 / 5 \Rightarrow h_2 = 4 ; A_2 = 10$$

$$A_1 = 25 / 2 ; A_1 + A_2 + A_3 = 30 ;$$

$$A(\text{Hexàgon}) = 150 - 30 = 120$$

Winners:

Pupils

Quim Ruset
Maria Borrell

Teachers

Núria Beltrán