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DOM LUN MAR MIÉ JUE VIE SÁB

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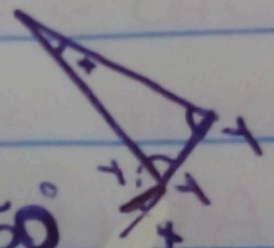
• Polígonos

① dodecágono → 12 partes → 12 triângulos

$\frac{360}{12} \Rightarrow x = 30°$

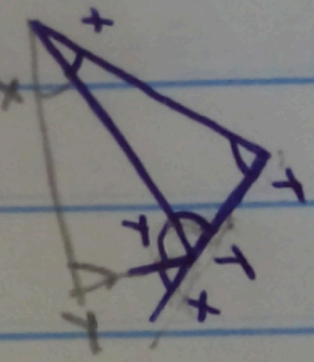


$180 - 30 \Rightarrow 2y = 150°$

$AE = 30°$

$Ai = 150°$

② $\frac{360}{20} = 18°$



$180 - 18 = 162°$

3240°

$162 \cdot 20 = 3240°$

DOM SEG TER QUA QUI SEX SÁB
DOM LUN MAR MIÉ JUE VIE SÁB

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③ $\Delta A_i = 180°$

Soma Ai Figura = $180(N-2)$

para definir o valor de um ângulo interno é preciso dividir pelo N de lados, sendo assim:

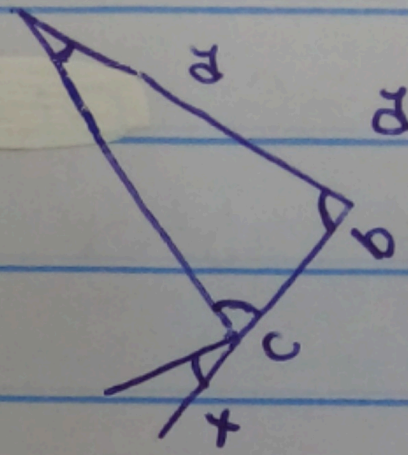
$$A_i = \frac{180(N-2)}{N}$$ (de uma figura)

(4) $\frac{180}{6} = 30°$

$AE = 30°$

$\frac{360}{30} = 12$

dodecágono



$a + b + c = 5x$

⑤ diagonal = D D = 2 l → 2 lados não

lado = l forma uma figura

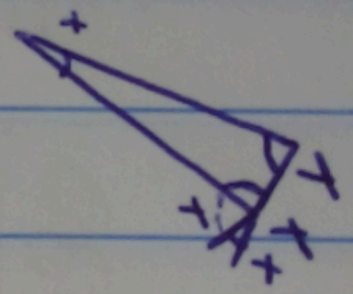
2D = 4 l → quadrado ④

⑥ 3 AE = Ai $\frac{180}{4} = 45°$

$AE = \frac{Ai}{3}$ 45 . 3 = 135°

AE = 45° → x

Ai = 135° → y 2



360 / 45 = 8 → octogono