Find the measure of angle A.  Provide reason for your work.
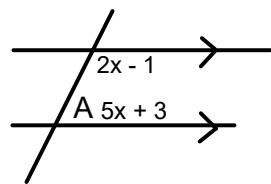


$2x - 1 + 5x + 3 = 180°$        CIA

$7x = 180 - 3 + 1$

$\frac{7x}{7} = \frac{170}{7}$

$x = 25°$

$A = 5x + 3$

$= 5(25) + 3$

$= 125 + 3$

$= 128°$
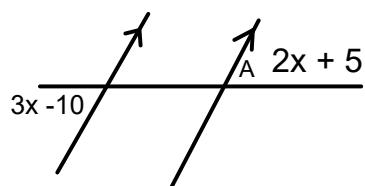
$3x - 10 = 2x + 5$        AEA

$3x - 2x = 5 + 10$

$x = 15$

$A = 2x + 5$

$= 2(15) + 5$

$= 30 + 5$

$= 35°$

Oct 29-8:25 AM