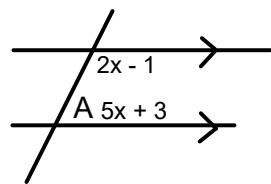
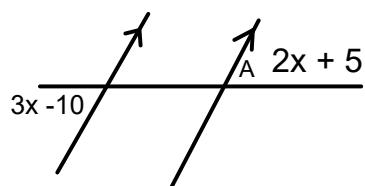


Find the measure of angle A. Provide reason for your work.



$$\begin{aligned} 2x - 1 + 5x + 3 &= 180^\circ && \text{CIA} \\ 7x &= 180 - 3 + 1 \\ 7x &= 178 \\ x &= 25^\circ \end{aligned}$$
$$\begin{aligned} A &= 5x + 3 \\ &= 5(25) + 3 \\ &= 125 + 3 \\ &= 128^\circ \end{aligned}$$



$$\begin{aligned} 3x - 10 &= 2x + 5 && \text{AEA} \\ 3x - 2x &= 5 + 10 \\ x &= 15 \end{aligned}$$
$$\begin{aligned} A &= 2x + 5 \\ &= 2(15) + 5 \\ &= 30 + 5 \\ &= 35^\circ \end{aligned}$$

Oct 29-8:25 AM