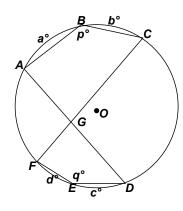
$$\mathbf{m} \angle AGC = \frac{1}{2} (a + b + c + d)$$

As inscribed angles,
$$p = \frac{1}{2}(360 - (a+b))$$
 and $q = \frac{1}{2}(360 - (c+d))$

Thus,
$$p + q = 360 - \frac{1}{2}(a + b + c + d) = 360 - \text{m} \angle AGC$$

$$\rightarrow$$
 m $\angle AGC = (360 - p - q)^{\circ}$



F) Factoring the expression
$$n! + (n+1)! + (n+2)!$$
, we have $n!(1+(n+1)+(n+1)(n+2)) = n!((n+2)+(n+1)(n+2)) = n!(n+2)(1+(n+1)) = n!(n+2)^2$
Thus, for each triple, we take either the largest prime $\leq n$ or $(n+2)$, if $(n+2)$ is prime.

$$(t_1, t_2, ..., t_7) = (29!(31)^2, 30!(32)^2, 31!(33)^2, 32!(34)^2, 33!(35)^2, 34!(36)^2, 35!(37)^2)$$

 $\rightarrow (p_1, p_2, ..., p_7) = (31, 29, 31, 31, 31, 31, 37) \rightarrow \underline{221}$