

EOC

#41-44

41

2, 8, 32, 128  
x4    x4

NEXT = 4. NOW

42

4 - original (beginning)

29<sup>th</sup> year = 178 trees  
\* Plug in 29 for every equation to see if it equals 178

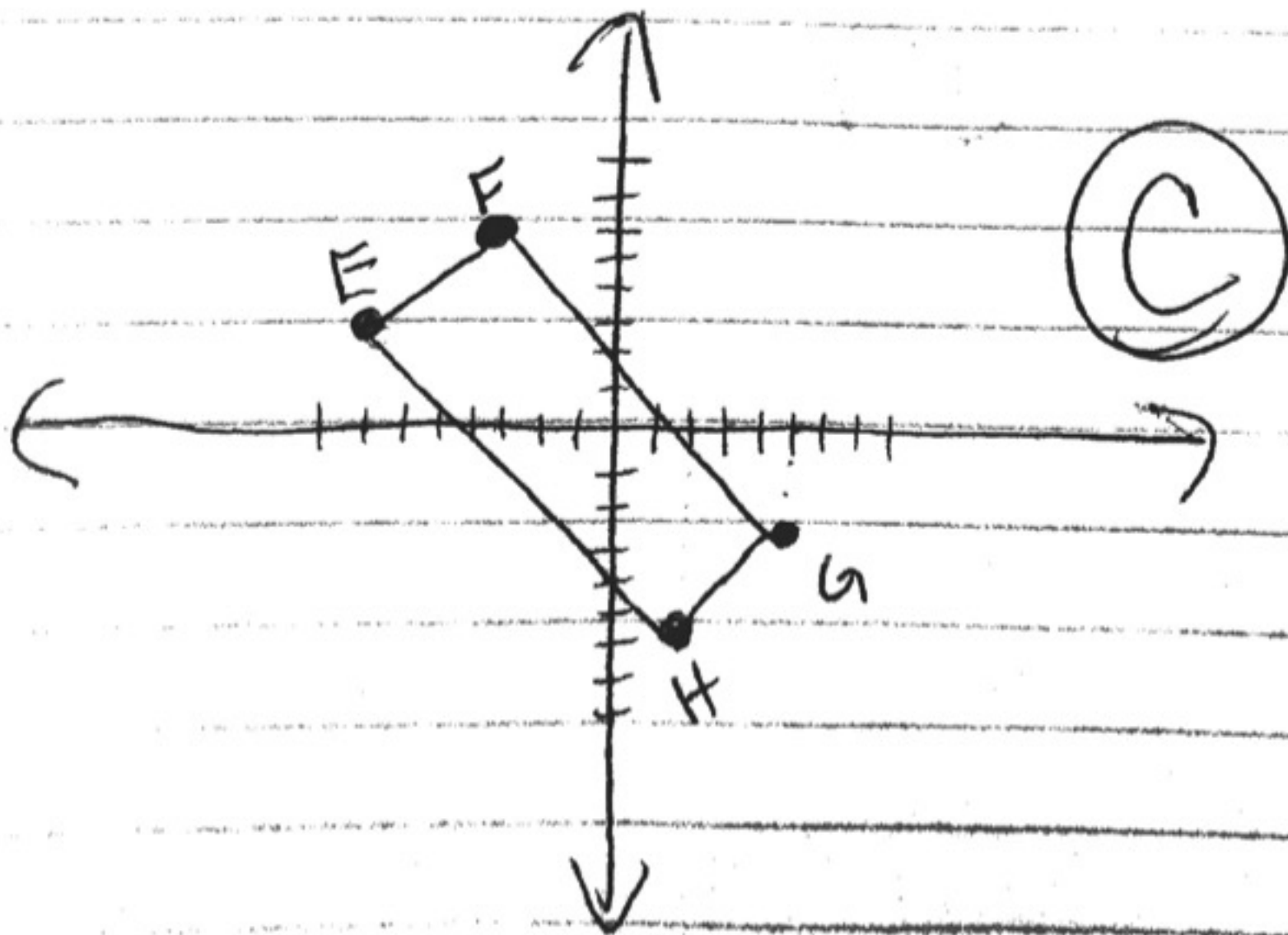
A.  $t(n) = \frac{178}{29}(29) + 4 = \boxed{182}$

B.  $t(n) = \frac{178}{29}(29) - 4 = \boxed{174}$

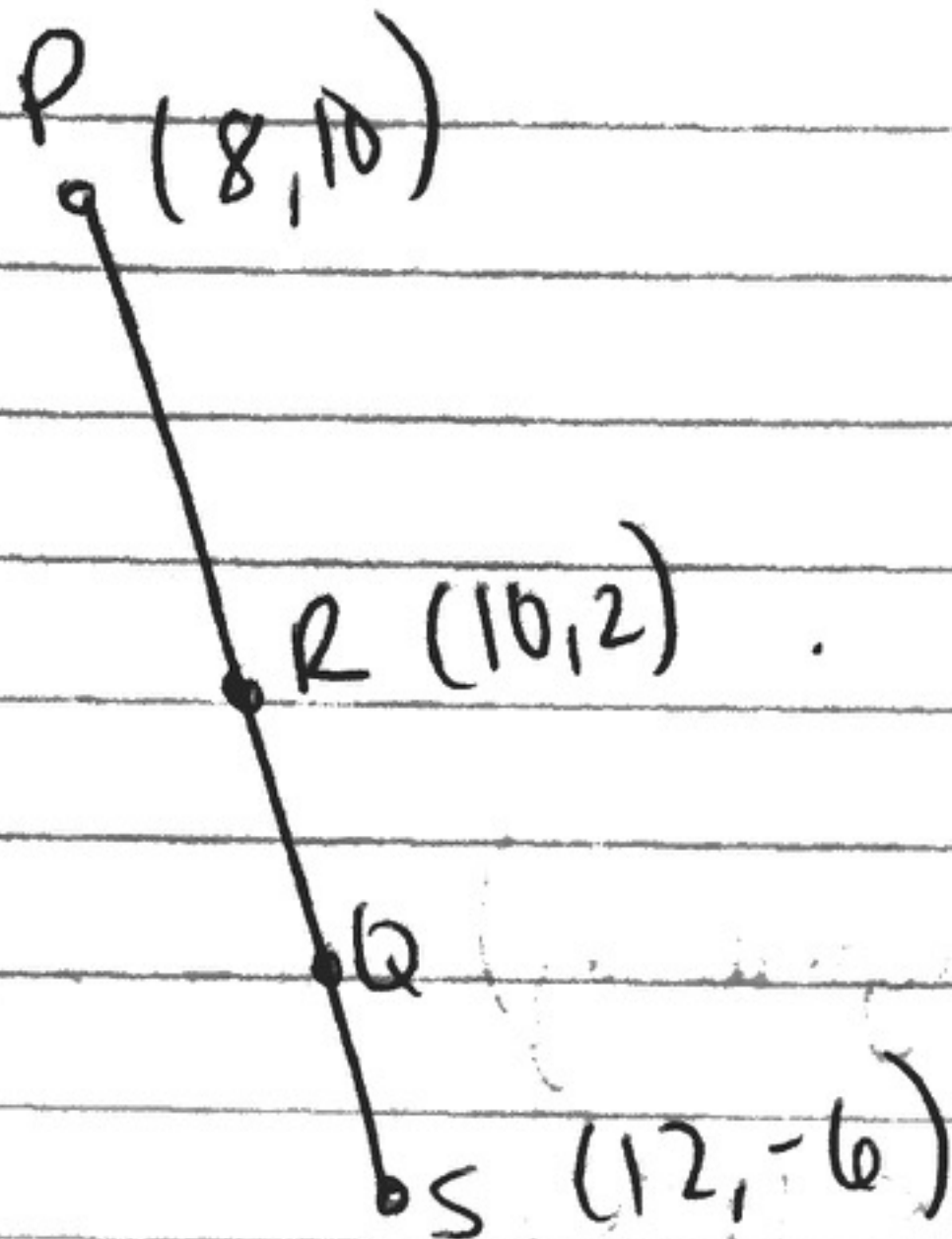
C.  $t(n) = 6n^{(29)} + 4 = \boxed{178} \leftarrow \text{Correct!}$

D.  $t(n) = 29(29) - 4 = \boxed{837}$

43



44



$$R = \left( \frac{12+8}{2}, \frac{10+(-6)}{2} \right)$$
$$\left( \frac{20}{2}, \frac{4}{2} \right)$$
$$(10, 2)$$

$$Q = \left( \frac{10+12}{2}, \frac{2+(-6)}{2} \right)$$
$$\left( \frac{22}{2}, \frac{-4}{2} \right)$$
$$= (11, -2)$$

(C)