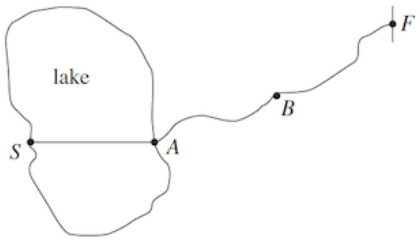

Pierre competes in a triathlon along a course as shown in the figure above. He begins swimming at starting point S and swims straight across the lake, gets on his bicycle at station A, bikes to station B, and then runs to finishing line F. The judges use a stopwatch to record his elapsed times of t_A, t_B, and t_F, respectively. If the distance, in miles, between points S and A along the racecourse is denoted by SA, then what is Pierre's average speed for this race, in miles per hour?

(A) $\frac{SA}{t_A}$

(B) $\frac{SB}{t_B}$

(C) $\frac{SF}{t_F}$

(D) $\frac{SA}{t_F}$

(E) $\frac{SF}{t_A}$