5 A calibration graph is produced for a faulty ammeter.

ammeter reading / A — true current / A (graph with axes labelled 0 to 1.0)
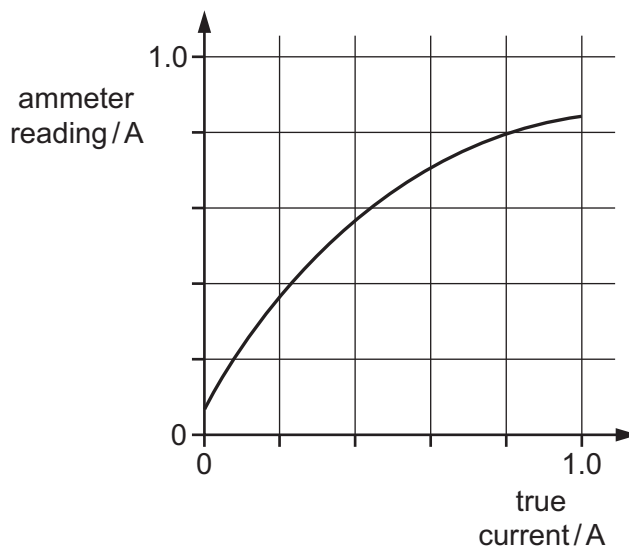
Which ammeter reading will be nearest to the true current?

A   0.2 A   **B**   0.4 A   **C**   0.6 A   **D**   0.8 A

6 A car accelerates uniformly from velocity u to velocity v in time t.

velocity vs time graph with points Q, R, S, P, W, T, N, V, U and time markings $\frac{t}{2}$ and t.
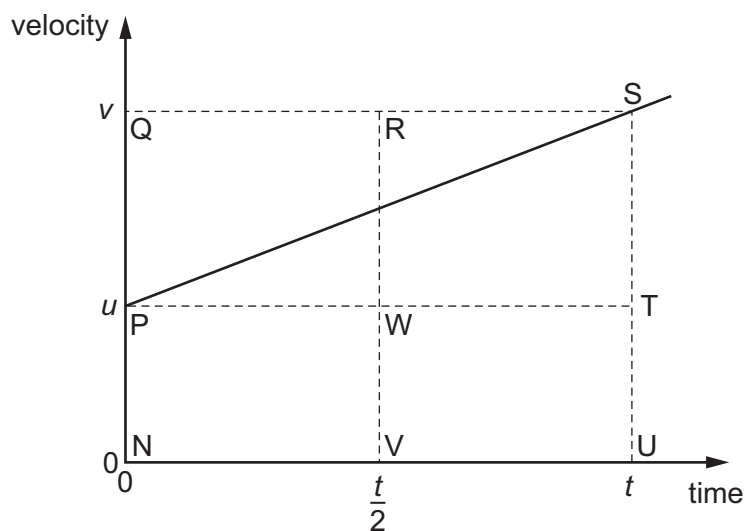
On the graph, which area equals the distance travelled by the car in time t?

A   NPTU + PQST

B   NPWV + VRSU

C   NPWV + WRST

D   PST + PQS