10 An electric pump has an output power of 25 kW and an efficiency of 52%.

Which of the following expressions gives the rate in kW at which energy is dissipated?

   ☒   **A** 0.48×25

   ☒   **B** 0.52×25

   ☒   **C** $\dfrac{0.48 \times 25}{0.52}$

   ☒   **D** $\dfrac{25}{0.52}$

(Total for Question 10 = 1 mark)