**6** A lamp with an efficiency of 0.68 usefully transfers 120 J of energy.

Which of the following can be used to determine $E$, the energy supplied to the lamp?

☒ **A** $E = 0.68 \times 120 \times 100$

☒ **B** $E = 0.68 \times 120$

☒ **C** $E = \dfrac{120}{0.68} \times 100$

☒ **D** $E = \dfrac{120}{0.68}$

**(Total for Question 6 = 1 mark)**