

- 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 $E = \frac{120}{0.68} \times 100$

☐ D $E = \frac{120}{0.68}$

(Total for Question 6 = 1 mark)