**1** **(a)** Find the lowest common multiple (LCM) of 30 and 75.

.................................................. [2]

**(b)** Share $608 in the ratio 4 : 5 : 7.

$ ..................................................

$ ..................................................

$ .................................................. [3]

**(c)** Work out $\dfrac{6.39 \times 10^4}{2.45 \times 10^6}$.

Give your answer in standard form.

.................................................. [2]

**(d)** Write $0.\dot{2}\dot{7}$ as a fraction.

.................................................. [1]

**(e)** A stone has volume $45\,\text{cm}^3$ and mass $126\,\text{g}$.
Find the density of the stone, giving the units of your answer.

[Density = mass ÷ volume]

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