Question 46

Expand the brackets and simplify

$$\left(2\sqrt{5} - \sqrt{2}\right)^2$$

A: $4\sqrt{5} + 2\sqrt{2}$ **B**: $12 - 4\sqrt{10}$ **C**: $8 - 4\sqrt{10}$ **D**: $2\sqrt{10} - 2$ **E**: None of these

Question 47

Rationalise and simplify $\dfrac{4\sqrt{5}}{\sqrt{3}}$

$\sqrt{6}$