YOU & MATHS **Simplifying a product** Which of the following is a simplification of the product

$$\frac{2k}{k-3} \cdot \frac{k}{6}?$$

A $\dfrac{2k^2}{k+3}$

B $\dfrac{k^2}{2(k-3)}$

C $\dfrac{k^2}{3(k-3)}$

D $\dfrac{12}{k-3}$

You can only simplify 2 and 6, so the correct answer is C.