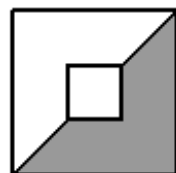4. The diagram shows two squares, with sides of length 1 and 3, which have the same centre and corresponding sides parallel. What fraction of the larger square is shaded?

A $\dfrac{4}{9}$ B $\dfrac{4}{11}$ C $\dfrac{2}{5}$ D $\dfrac{2}{7}$ E $\dfrac{6}{11}$

4. **A** The smaller square has one ninth of the area of the larger square. So the fraction of the larger square which is shaded is half of eight ninths, that is four ninths.