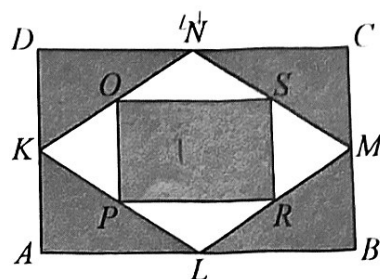


3

Points K , L , M and N are the midpoints of the sides of rectangle $ABCD$ and points O , P , R and S are the midpoints of the sides of rhombus $KLMN$. The ratio of the area of the shaded regions and the area of rectangle $ABCD$ is equal to: (2002 Math Kangaroo Problem, Level 7-8, Question #5)



A. $\frac{3}{5}$

B. $\frac{2}{3}$

C. $\frac{5}{6}$

D. $\frac{3}{4}$

E. $\frac{5}{7}$