

Fraction Squares

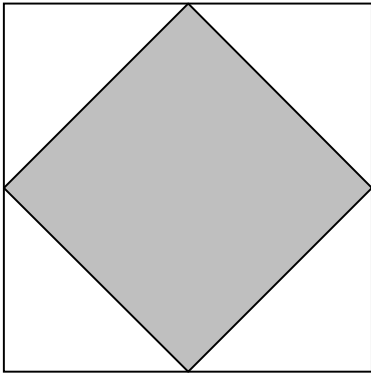
Each diagram below is made by joining corners and midpoints of a square.

For each diagram:

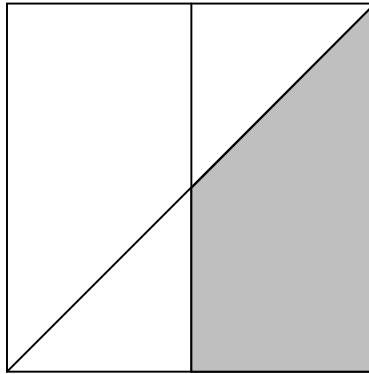
- Work out the fraction of the square that is shaded.
- Explain how you worked it out.

Each answer is one of the fractions at the bottom of the page.

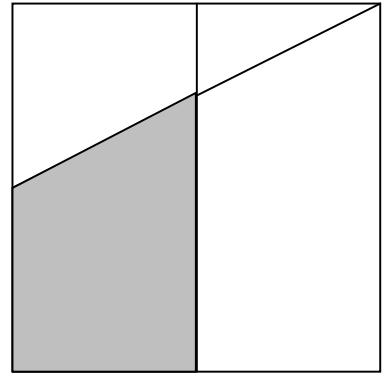
A)



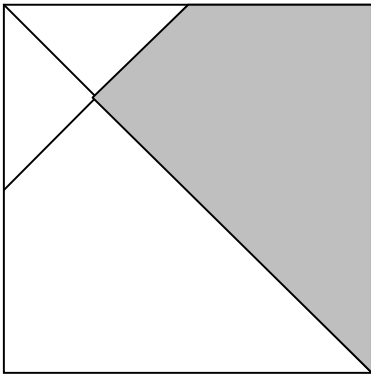
B)



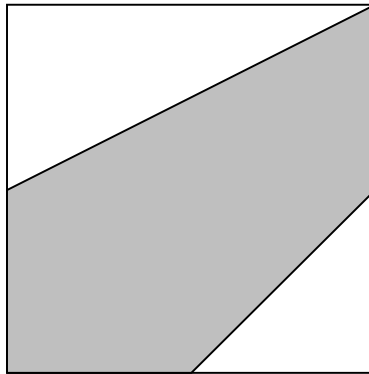
C)



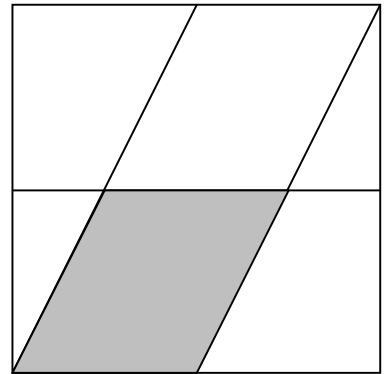
D)



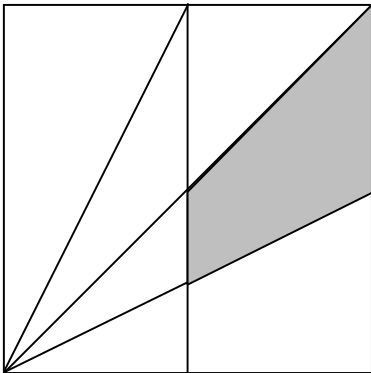
E)



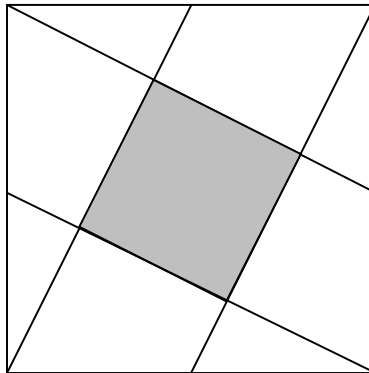
F)



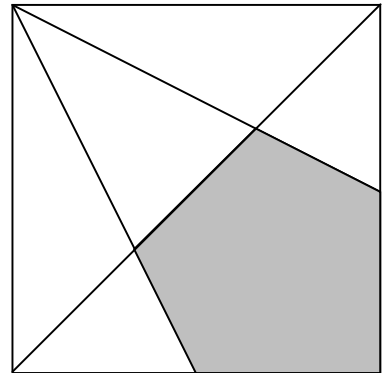
G)



H)



I)



$$\frac{3}{16}$$

$$\frac{1}{5}$$

$$\frac{1}{2}$$

$$\frac{5}{8}$$

$$\frac{5}{16}$$

$$\frac{1}{3}$$

$$\frac{1}{4}$$

$$\frac{7}{16}$$

$$\frac{3}{8}$$