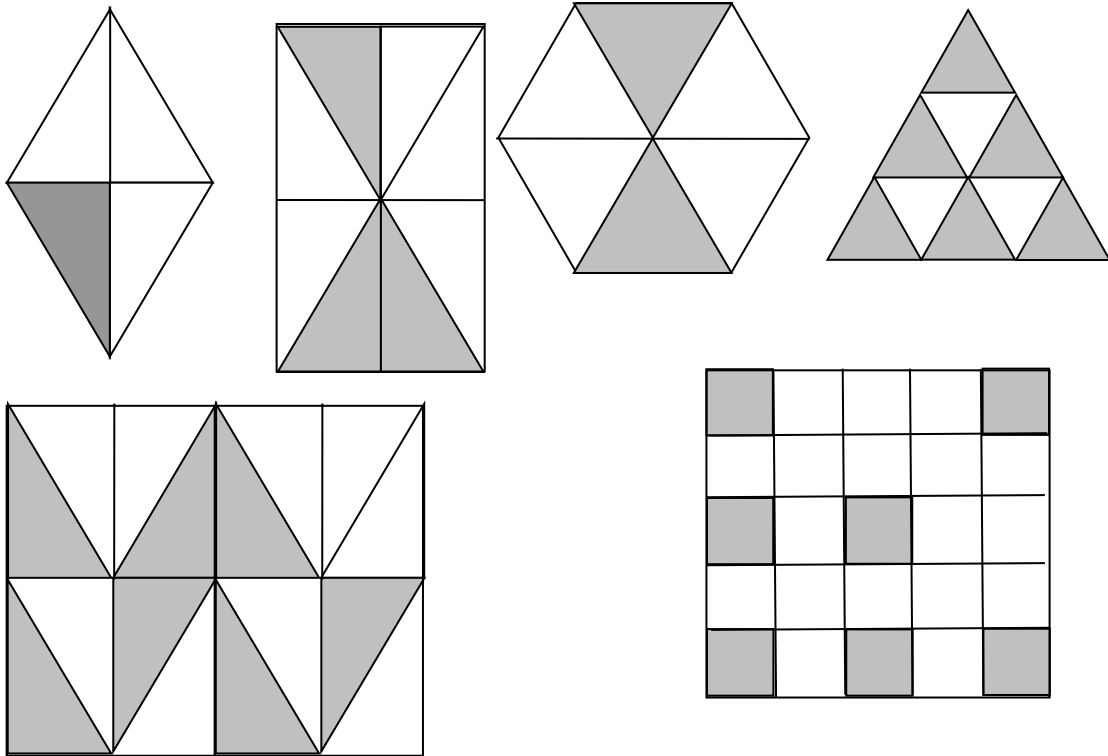


N4 Applications of Maths – Ratio

Simplify all ratios where possible.

1. In the diagrams, each of the shapes is divided into equal parts.
Give the ratio of the shaded part to the whole shape in each case.



2. I have £5 and my sister has £15. What is the ratio of my money to my sister's?
3. Two brothers have £200 and £240 in their respective savings accounts. Express these amounts as a ratio.
4. Miss Morgan has £320 in her current account and £400 in her deposit account, and £800 in her savings account. Express these amounts as a ratio.
5. There are 144 pupils in second year. The ratio of boys to girls is 7 : 5. How many girls are there in second year?
6. Green paint is made by mixing blue and yellow in the ratio 5 : 3. How much blue paint is required when making 96 litres of green?
7. Ian and Luke share a lottery win in the ratio 3:4. If they win £210 000, how much money does each of them get?