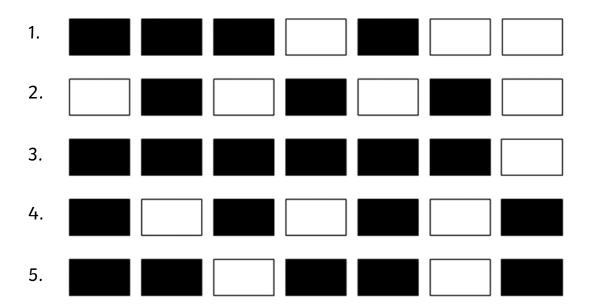
Year 6 Maths Homework

Due in Friday 22nd March 2019

Ratio of Patterns

For each of these patterns, give the ratio of **shaded shapes** to **unshaded shapes**. Simplify if you can!



Ratio Problem Solving

Solve these worded problems by identifying the ratio each time and using it to find the solution.

- 6. At a concert there are seven children to every three adults. There are 280 children at the concert. How many adults are there?
- 7. Statistically, for every one winning raffle ticket at a school fair there were 29 losing tickets. Eight people won a raffle prize. How many losing tickets were sold?
- 8. Rachel answers seven questions correctly for every 5 she gets incorrect in a test. Her final score is 42. How many questions did she get wrong?
- 9. In an orchard there are 5 apple trees for every 2 pear trees. There are 350 apple trees. How many pear trees are there?
- 10. A jeweller mends 7 watches for every 2 he sells. In one month he mends 56 watches. How many does he sell?