



**NAME:**

**DATE:**

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## RATIO

# KS2 MATHEMATICS

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***INSTRUCTIONS:***

- ▶ANSWER ALL QUESTIONS
- ▶ALL WORKINGS MUST BE SHOWN
- ▶USE THE CALCULATOR WHEN EXPECTED

**MARK GRADE**

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## KS2 Maths – Ratio Word Problems & Calculations

**Instructions:** Show your working where appropriate. Simplify all ratios and give answers in the correct format (e.g.,  $a : b$ ).

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1. Simplify the ratio 12 : 16.
2. In a class, the ratio of boys to girls is 3 : 5. If there are 15 boys, how many girls are there?
3. Share £60 between John and Sarah in the ratio 2 : 3.
4. The ratio of red to blue counters is 4 : 6. What fraction of the counters are red?
5. A recipe uses flour and sugar in the ratio 2 : 5. If you use 100g of sugar, how much flour is needed?
6. Simplify the ratio 25 : 100.
7. Two numbers are in the ratio 7 : 3. If the larger number is 56, what is the smaller number?
8. Split 80 apples between Tom and Jerry in the ratio 1 : 3.
9. The ratio of cats to dogs at a shelter is 5 : 2. If there are 20 dogs, how many cats are there?
10. A car travels petrol and electric in the ratio 3 : 1. If it travels 300 miles using petrol, how many miles does it travel using electric?