YEAR 8 · MATHEMATICS

Division with Remainders

Practise division with whole-number remainders and fractional remainders.

Name _____ **Date** _____

01 Quotients and remainders

Work out each division. Record the quotient and remainder.

1. **157 ÷ 6** = ____ r ____
2. **248 ÷ 9** = ____ r ____
3. **391 ÷ 12** = ____ r ____
4. **526 ÷ 8** = ____ r ____
5. **673 ÷ 15** = ____ r ____
6. **845 ÷ 16** = ____ r ____

02 Remainders as fractions

Write each answer as a mixed number. Simplify the fractional part.

7. **173 ÷ 8** = ____ ___/___
8. **294 ÷ 11** = ____ ___/___
9. **437 ÷ 12** = ____ ___/___
10. **582 ÷ 14** = ____ ___/___
11. **719 ÷ 20** = ____ ___/___
12. **967 ÷ 24** = ____ ___/___

03 Put division into context

Show your working and give each answer in the form requested.

13. A school has 127 pupils going on a visit. Each minibus takes 9 pupils. How many full minibuses can be filled, and how many pupils are left?

14. A 46 m length of ribbon is shared equally between 8 groups. How many metres of ribbon does each group receive? Give your answer as a simplified mixed number.

15. A baker puts 16 biscuits in each tin. If there are 235 biscuits, how many full tins can be filled, and how many biscuits will be left?

✓ **Quick check:** Is each remainder smaller than its divisor?