YEAR 6 · NUMBER

Multiplying Decimals by Whole Numbers

Practise multiplying decimals with up to two decimal places by single-digit and 2-digit whole numbers.

Name _____ **Date** _____

Estimate first, then calculate. Show your working in the spaces provided. Check that each answer is sensible.

A Multiply by a single-digit whole number

Show your working

1. **3.6 × 7 =**

2. **0.48 × 6 =**

3. **12.35 × 4 =**

4. **7.09 × 8 =**

B Multiply by a 2-digit whole number

Show your working

5. **4.7 × 12 =**

6. **0.36 × 25 =**

7. **8.05 × 14 =**

8. **13.2 × 16 =**

C Solve the problems

Include units in your answer

9. A length of ribbon is 2.4 m long. How many metres of ribbon are there in 18 lengths?

10. Each batch of a recipe uses 0.75 kg of flour. How much flour is needed for 12 batches?

11. A school buys 24 tickets costing £3.85 each. What is the total cost?