YEAR 8 • DECIMALS

Multiplying Decimals by Whole Numbers

Practise multiplying decimal numbers by single-digit and two-digit whole numbers.

Name _____ **Date** _____

Calculate each product and show your working. In the word problems, include the correct unit; give money answers in £ and p.

A. Single-digit multipliers

6 QUESTIONS

1 **4.8 × 6 =** _____

2 **2.37 × 4 =** _____

3 **0.56 × 8 =** _____

4 **13.25 × 3 =** _____

5 **6.04 × 9 =** _____

6 **0.708 × 5 =** _____

B. Two-digit multipliers

6 QUESTIONS

7 **3.6 × 14 =** _____

8 **0.85 × 23 =** _____

9 **12.48 × 16 =** _____

10 **4.075 × 12 =** _____

11 **2.34 × 35 =** _____

12 **0.096 × 27 =** _____

C. Put it into practice

3 QUESTIONS

13 A ribbon is 2.4 m long. What is the total length of 7 ribbons?

Working / answer: _____

14 Each bottle holds 0.75 L of juice. How much juice is in 18 bottles?

Working / answer: _____

15 Fabric costs £3.25 per metre. What is the cost of 12 metres?

Working / answer: _____