YEAR 6 • DECIMALS

Decimal Word Problems

Name: _____ Date: _____

Solve each problem. Show your working and include the correct units in your answer.

1 MONEY

At the bookstall, a notebook costs £2.45 and a pen costs 75p. Noah buys 2 notebooks and 3 pens, then pays with a £10 note. How much change does he get?

WORKING

Answer: _____

2 LENGTH

A 6.5 m roll of bunting is used: 1.75 m for the hall and 2.4 m for the stage. The rest is cut into 3 equal lengths. How long is each length?

WORKING

Answer: _____

3 CAPACITY

A jug holds 4.8 L. 1.35 L is poured into one dispenser and 1.8 L into another. The remaining water is shared equally among 3 bottles. How much is in each bottle?

WORKING

Answer: _____

4 MASS

A bakery has 9.6 kg of flour. It uses 2.75 kg for rolls and 1.85 kg for loaves. The rest is shared equally among 5 tubs. How much flour goes in each tub?

WORKING

Answer: _____

5 LENGTH

A walking route is 18.5 km. Leila walks 6.75 km before lunch and 4.8 km after lunch. She shares the remaining distance equally over 2 days. How far does she walk each day?

WORKING

Answer: _____

Before you finish, check your calculations and units.