Decimal Word Problems

Name: _____ Date: _____

Read each problem carefully. Show your working and write your answer on the line provided.

1. Shopping Spree 🛒

Sarah bought three items at the supermarket: bread for $3.45, milk for $4.20, and cheese for $7.85. How much did she spend in total?

Answer: $ _____

2. Running Track

Marcus ran 4.75 kilometres on Monday, 6.3 kilometres on Wednesday, and 5.82 kilometres on Friday. What was his total distance for the week?

Answer: _____ km

3. Fabric for Curtains

A curtain requires 3.65 metres of fabric. If Mrs Chen wants to make 4 identical curtains, how much fabric does she need in total?

Answer: _____ m

4. Pizza Party 🍕

Five friends share the cost of pizzas equally. The total bill is $68.75. How much does each person pay?

Answer: $ _____

5. Rainfall Measurement

In January, Auckland received 127.5 mm of rainfall. In February, it received 89.8 mm. How much more rain fell in January than in February?

Answer: _____ mm

6. Petrol Purchase ⛽

Dad filled up the car with 45.8 litres of petrol at $2.65 per litre. How much did he pay for the petrol?

Answer: $ _____

7. Garden Fence

James has 25.5 metres of fencing. He uses 18.75 metres to fence his vegetable garden. How much fencing does he have left?

Answer: _____ m

8. Savings Goal 💰

Emma wants to save $350 for a new bike. She has already saved $187.50. How much more money does she need to save?

Answer: $ _____

9. Packing Boxes

Each box can hold 12.5 kg of books. If there are 87.5 kg of books to pack, how many boxes are needed?

Answer: _____ boxes

10. Temperature Change 🌡️

The temperature in Queenstown was 15.8°C at midday. By midnight, it had dropped to 3.6°C. What was the temperature decrease?

Answer: _____ °C