

Word Problems Involving Decimal Operations

Name: _____

Date: _____

Read each problem carefully. Show your working and write your answer with the correct units.

1. Sarah bought 2.5 kg of apples at \$3.80 per kilogram and 1.75 kg of oranges at \$4.20 per kilogram. How much did she spend in total?

Working:

|

Answer: _____

2. A rectangle has a length of 8.4 metres and a width of 5.6 metres. What is the perimeter of the rectangle?

Working:

|

Answer: _____

3. James had \$85.50 in his savings account. He withdrew \$23.75 to buy a new game. How much money does he have left in his account?

Working:

|

Answer: _____

4. A bottle contains 2.8 litres of juice. If this juice is shared equally among 7 people, how many litres does each person receive?

Working:

|

Answer: _____

5. Emma ran 3.75 km on Monday, 4.2 km on Wednesday, and 5.85 km on Friday. What was the total distance she ran during the week?

Working:

|

Answer: _____

6. A piece of timber is 15.6 metres long. A carpenter cuts off 8.75 metres. How much timber is left?

Working:

|

Answer: _____

7. A car travels 12.6 kilometres on one litre of petrol. How far can it travel on 8.5 litres of petrol?

Working:

|

Answer: _____

8. A recipe requires 0.375 kg of flour for one batch of biscuits. How much flour is needed to make 6 batches?

Working:

|

Answer: _____