Year 4 | Number

Money totals and practical problems

Learn and practise | Free preview

A sample from this topic. The complete topic collection contains three different resources and worked solutions.

Show your thinking using words, working or a labelled drawing. Use the explanations and example first.

What you will practise

• Money totals and practical problems

• Explain and check an answer with an appropriate representation.

Useful starting skills: Use objects, drawings or a number line to explain a simple idea.

Represent a money problem with a calculation before solving it. Keep dollars and cents in matching places, and interpret whether the result is a cost, change, shortfall or amount saved.

An estimate checks whether an answer is sensible. Use exact amounts to settle electronic transactions; for Australian cash examples, round the final amount to the nearest 5 cents when asked. A budget must include every stated item.

Worked example

Two items cost A$6.40 and A$3.25. Find change from A$20.

Add 6.40+3.25=9.65.

Subtract 9.65 from 20.00 to get 10.35.

Answer: A$10.35

Try it yourself

Name: _____ Date: _____

1. You have A$20.00. Two items cost A$4.27 and A$3.36. Find the total rounded to the nearest 5 cents for a cash payment and the change.

2. You have A$50.00. Two items cost A$12.18 and A$9.14. Find the total rounded to the nearest 5 cents for a cash payment and the change.

Answers and explanations

Check the method as well as the final answer. An alternative correct method is also valid.

1. Total A$7.65; change A$12.35

Add the item prices to get A$7.63. Round the final cash total, not each item, to A$7.65. Subtract from A$20.00.

2. Total A$21.30; change A$28.70

Add the item prices to get A$21.32. Round the final cash total, not each item, to A$21.30. Subtract from A$50.00.

Curriculum reference: VC2M4N07; VC2M4N08; VC2M4N09

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