ASPIRE TO POWER LEARNING

Year 3 | 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. Write A$3.65 in cents. Show two combinations of current Australian coins that make A$3.65.

2. You have A$20.00. Two items cost A$4.60 and A$6.25. Find the total and the change.

Answers and explanations

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

1. 365 cents; example A$2+A$1+50 c+10 c+5 c, or A$1+A$1+A$1+50 c+10 c+5 c.

Each dollar is 100 cents; combine coins until their values total 365 cents.

2. Total A$10.85; change A$9.15

Add the item prices to get A$10.85. Subtract from A$20.00.

Curriculum reference: VC2M3N07; VC2M3N08

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