Equivalent amounts

6 practice questions

1. How many 20-cent coins make 1 dollar?

$5 \times 20 = 100$ cents.

Answer: 5 coins.

2. Give two different coin collections worth 40 cents.

$20 + 20 = 40$ and $10 + 10 + 10 + 10 = 40$. Other valid collections are acceptable.

Answer: For example, two 20-cent coins; or four 10-cent coins.

3. Find the total: $1 \text{ dollar} + 50 \text{ cents} + 20 \text{ cents}$.

$100 + 50 + 20 = 170$ cents.

Answer: 1 dollar 70 cents.

4. Which is worth more: four 10-cent coins or one 50-cent coin?

Four 10-cent coins total 40 cents; $50 - 40 = 10$.

Answer: The 50-cent coin, by 10 cents.

5. Make exactly 1 dollar using exactly 2 Australian coins.

$50 + 50 = 100$ cents, using 2 coins.

Answer: Two 50-cent coins.

6. A child swaps one 2-dollar coin for five 20-cent coins. Is the value equal?

$5 \times 20 = 100$ cents, but 2 dollars are 200 cents.

Answer: No. Five 20-cent coins total only 1 dollar.