Year 4 maths: Best buys and tiered charges (Easy)

Maths · Money
Level: Easy

Student: _____ Date: _____

Instructions
- There are 10 questions. Read each one carefully.
- Write your answers on this paper. Use the space under a question to work it out.
- A grown-up can read a question aloud — that's fine.
- The answers are at the end. Check them together when you have finished.

Questions

1. Seedling pots cost $2.50 each, or a pack of 6 for $11. Kai has $18. What is the most seedling pots he can buy?

Circle one answer.

○ **A** 7 ○ **B** 6 ○ **C** 8

2. At the bike hire, the first hour costs $5 and each extra hour costs $3. How much does 6 hours cost?

Circle one answer.

○ **A** $20 ○ **B** $30 ○ **C** $23

3. A cook makes banana breads. One batch needs 100 g of butter and 300 g of flour. The pantry has 930 g of butter and 920 g of flour. How many whole batches can be made?

Circle one answer.

○ **A** 4 ○ **B** 9 ○ **C** 3

4. Drink bottles come in different deals. One deal is 8 drink bottles for $28. Another is 5 drink bottles for $10. How many cents less does ONE bottle cost in the second deal?

Answer: _____ c

Working:

5. Use the price table. A class needs exactly 23 stickers, no more and no fewer. What is the least it can cost to buy exactly 23?

Circle one answer.

Buy	Price
1 of stickers	$2.50
Pack of 4	$8

○ **A** $47.50 ○ **B** $48 ○ **C** $57.50

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6. At the kayak hire, the first hour costs $3 and each extra hour costs $1. How much does 4 hours cost?

Circle one answer.

○ **A** $6 ○ **B** $7 ○ **C** $12

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7. Use the sale table. Which item gives the largest saving in dollars?

Circle one answer.

Item	Was	Now
Fishing rod	$34	$26
Boomerang	$65	$46
Sleeping bag	$76	$66

○ **A** sleeping bag ○ **B** fishing rod
○ **C** boomerang

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8. A shop sells balloons in 3 deals. Which deal costs the least for each balloon?

Circle one answer.

○ **A** 8 balloons for $8 ○ **B** 4 balloons for $8
○ **C** 10 balloons for $15

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9. Use 5c, 10c, 20c, 50c, $1 and $2 coins. What is the fewest coins that make 75c?

Circle one answer.

○ **A** 3 ○ **B** 5 ○ **C** 4

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10. The cricket ground charges $15 each for the first 2 people in a group and $11 each for every other person. What does a group of 6 pay?

Circle one answer.

○ **A** $74 ○ **B** $90 ○ **C** $96

Answer key

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1. C — 8

The best combination is 1 pack of 6 + 2 singles. It costs $16 and gives 8 seedling pots, the most the money can buy. The $2 left cannot buy anything more.

2. A — $20

The first hour is $5. The other 5 hours are 5 × $3 = $15. $5 + $15 = $20.

3. C — 3

Count the batches each ingredient makes: butter 9; flour 3. The flour runs out first, so only 3 whole batches can be made.

4. 150 c

8 drink bottles for $28: $3.50 each. 5 drink bottles for $10: $2 each. $3.50 − $2 = $1.50, which is 150c.

5. A — $47.50

The cheapest way to get exactly 23 is 5 packs of 4 + 3 singles. That costs $8 + $8 + $8 + $8 + $8 + $2.50 + $2.50 + $2.50 = $47.50.

6. A — $6

The first hour is $3. The other 3 hours are 3 × $1 = $3. $3 + $3 = $6.

7. C — boomerang

Saving = was − now: fishing rod $34 − $26 = $8; boomerang $65 − $46 = $19; sleeping bag $76 − $66 = $10. The largest saving is boomerang, $19.

8. A — 8 balloons for $8

Cost of one: 4 balloons for $8 is $2 each; 8 balloons for $8 is $1 each; 10 balloons for $15 is $1.50 each. The lowest cost for each is $1, so the best buy is 8 balloons for $8.

9. A — 3

Use the biggest coin that fits each time: 50c, 20c, 5c = 75c. That is 3 coins.

10. A — $74

The first 2 people pay 2 × $15 = $30. The other 4 pay 4 × $11 = $44. $30 + $44 = $74.