Year 6 · Number: Money Smarts

Name: _____ Date: _____

Hi there! This sheet helps you find 10%, 25% and 50% of money amounts and work out if there's enough cash for a shopping trip. Take your time and show your working!

Warm-up

1. Find 50% of $60.

2. Find 10% of $80.

3. Find 25% of $40.

4. Write $4.50 + $2.25 as a total in dollars and cents.

Practice

5. Find 50% of $280.

6. Find 25% of $160.

7. Find 10% of $250.

8. A skateboard costs $120 at Rebel Sports. There is a 25% discount this weekend. How much money will be taken off the price?

9. Aroha has $50 to spend at the New World supermarket. She buys fruit for $12.50 and bread for $4.20. Does she have enough money, and how much is left?

10. A pair of shoes costs $90. In a half-price sale, what is the new price?

Challenge

11. A jacket at Kmart costs $60. It has 10% off. After that discount, an extra 25% is taken off the new lower price. What is the final price?

12. Liam has $100. He wants to buy a game for $45, headphones for 25% off their $40 price, and a $15 gift card. Can he afford everything? Show your working.

Answer key (for parents and tutors)

1. Find 50% of $60.
   50% means one half. Half of $60 = $60 ÷ 2 = $30.
2. Find 10% of $80.
   10% means one tenth. $80 ÷ 10 = $8.
3. Find 25% of $40.
   25% means one quarter. $40 ÷ 4 = $10.
4. Write $4.50 + $2.25 as a total in dollars and cents.
   $4.50 + $2.25 = $6.75.
5. Find 50% of $280.
   50% is one half. $280 ÷ 2 = $140.
6. Find 25% of $160.
   25% is one quarter. $160 ÷ 4 = $40.
7. Find 10% of $250.
   10% is one tenth. $250 ÷ 10 = $25.
8. A skateboard costs $120 at Rebel Sports. There is a 25% discount this weekend. How much money will be taken off the price?
   25% of $120 = $120 ÷ 4 = $30. So $30 is taken off the price.
9. Aroha has $50 to spend at the New World supermarket. She buys fruit for $12.50 and bread for $4.20. Does she have enough money, and how much is left?
   Add the costs: $12.50 + $4.20 = $16.70. Money left: $50 – $16.70 = $33.30. Yes, she has enough, with $33.30 left over.
10. A pair of shoes costs $90. In a half-price sale, what is the new price?
    Half price means 50% off. 50% of $90 = $90 ÷ 2 = $45. The new price is $45.
11. A jacket at Kmart costs $60. It has 10% off. After that discount, an extra 25% is taken off the new lower price. What is the final price?
    First discount: 10% of $60 = $6, so new price = $60 – $6 = $54. Second discount: 25% of $54 = $54 ÷ 4 = $13.50, so final price = $54 – $13.50 = $40.50.
12. Liam has $100. He wants to buy a game for $45, headphones for 25% off their $40 price, and a $15 gift card. Can he afford everything? Show your working.
    Headphones: 25% of $40 = $10 off, so they cost $40 – $10 = $30. Total cost: $45 + $30 + $15 = $90. Since $90 is less than $100, yes he can afford everything, with $100 – $90 = $10 left over.