Year 7 · Number: Money, Sales & Change

Name: _____ Date: _____

Hi there! This sheet helps you practise working out totals, change, and sale prices with New Zealand dollars. Remember two handy rules: money answers are rounded to two decimal places, and cash payments are rounded to the nearest 10 cents.

Warm-up

1. Add these prices: $4.50 + $3.20 + $1.30

2. Find 10% of $60.

3. You pay for a $6.40 item with a $10 note. How much change do you get?

4. Round $7.83 to the nearest 10 cents for a cash payment.

Practice

5. At the Avondale dairy, Mia buys a pie for $4.90, a juice for $3.50, and a muesli bar for $2.20. What is the total cost?

6. A jacket costs $80. In a sale it is 25% off. What is the discount, and what is the sale price?

7. A pair of shoes is priced at $90 with 20% off. Find the sale price.

8. Liam's shopping comes to $23.67. He pays with cash. Round the total to the nearest 10 cents, then find his change from $30.

9. A book club orders 6 books at $12.50 each. What is the total cost?

10. Sione buys a $45 game marked 40% off. He pays with cash. What is the sale price, and what is his change from $30?

Challenge

11. A speaker costs $120. It is reduced by 15% in a sale. Aroha pays with cash. Find the sale price, round it to the nearest 10 cents, and work out her change from $110.

12. Two shops sell the same $150 tent. Shop A offers 30% off. Shop B offers 25% off plus an extra $10 off the discounted price. Which shop is cheaper, and by how much?

Answer key (for parents and tutors)

1. Add these prices: $4.50 + $3.20 + $1.30
   $4.50 + $3.20 = $7.70, then $7.70 + $1.30 = $9.00. Total = $9.00.
2. Find 10% of $60.
   10% means divide by 10. $60 ÷ 10 = $6. Answer: $6.00.
3. You pay for a $6.40 item with a $10 note. How much change do you get?
   $10.00 − $6.40 = $3.60. Change = $3.60.
4. Round $7.83 to the nearest 10 cents for a cash payment.
   The digit after the tens-of-cents is 3, so round down. $7.83 rounds to $7.80.
5. At the Avondale dairy, Mia buys a pie for $4.90, a juice for $3.50, and a muesli bar for $2.20. What is the total cost?
   $4.90 + $3.50 = $8.40, then $8.40 + $2.20 = $10.60. Total = $10.60.
6. A jacket costs $80. In a sale it is 25% off. What is the discount, and what is the sale price?
   25% of $80 = $80 ÷ 4 = $20 discount. Sale price = $80 − $20 = $60.00.
7. A pair of shoes is priced at $90 with 20% off. Find the sale price.
   20% of $90 = $90 ÷ 5 = $18 discount. Sale price = $90 − $18 = $72.00.
8. Liam's shopping comes to $23.67. He pays with cash. Round the total to the nearest 10 cents, then find his change from $30.
   $23.67 rounds to $23.70 (the 7 rounds up). Change = $30.00 − $23.70 = $6.30.
9. A book club orders 6 books at $12.50 each. What is the total cost?
   6 × $12.50 = $75.00. Total = $75.00.
10. Sione buys a $45 game marked 40% off. He pays with cash. What is the sale price, and what is his change from $30?
    40% of $45 = $45 × 0.4 = $18 discount. Sale price = $45 − $18 = $27.00. Change from $30 = $30.00 − $27.00 = $3.00.
11. A speaker costs $120. It is reduced by 15% in a sale. Aroha pays with cash. Find the sale price, round it to the nearest 10 cents, and work out her change from $110.
    15% of $120: 10% is $12 and 5% is $6, so 15% = $18 discount. Sale price = $120 − $18 = $102.00. It already ends in .00, so no rounding change: $102.00. Change from $110 = $110.00 − $102.00 = $8.00.
12. Two shops sell the same $150 tent. Shop A offers 30% off. Shop B offers 25% off plus an extra $10 off the discounted price. Which shop is cheaper, and by how much?
    Shop A: 30% of $150 = $45 off, so price = $150 − $45 = $105.00. Shop B: 25% of $150 = $37.50 off, so $150 − $37.50 = $112.50, then − $10 = $102.50. Compare: Shop B ($102.50) is cheaper than Shop A ($105.00). Difference = $105.00 − $102.50 = $2.50. Shop B is cheaper by $2.50.