Year 4 Worksheet 4: Rounding & Counting Change

Question 1: Answer the following questions. Remember to use rounding rules. For example, rounding up when the next digit is 5 or greater and rounding down when the next digit is 4 or less.

1	The price of a pencil is $1.47, and a ruler costs $2.56. How much will you pay for both items together when rounded to the nearest 5 cents?
2	Sarah bought a notebook for $3.24 and a set of erasers for $1.78. What is the total cost of her purchases when rounded to the nearest 5 cents?
3	Liam wants to buy a book that costs $5.89 and a calculator that costs $12.37. How much money does he need in total when rounded to the nearest 5 cents?

4	Emily has $20. She wants to buy a water bottle for $7.92 and a sandwich for $4.55. How much change will she receive back when rounded to the nearest 5 cents?
5	A school fair is selling tickets for the rides. Each ticket costs $2.34. If Jamie wants to buy 8 tickets, how much will it cost him in total when rounded to the nearest 5 cents?
6	The school canteen is selling cookies for $0.98 each. If Mia wants to buy 5 cookies, how much money does she need when rounded to the nearest 5 cents?
7	Ethan wants to save money to buy a new video game that costs $18.76. So far, he has saved $11.32. How much more money does he need to reach his goal, when rounded to the nearest 5 cents?

8	A toy store is offering a 15% discount on all toys. If a remote control car originally costs $24.99, what will be the discounted price when rounded to the nearest 5 cents?
9	Sophie has a piggy bank with $12.59 in it. Her goal is to save $20. How much more money does she need to reach her goal when rounded to the nearest 5 cents?
10	Liam collected $4.73 in loose change from his room. His sister gave him $3.55 as a gift. How much money does he have in total when rounded to the nearest 5 cents?

Question 2: Answer the following questions. Remember to apply the rounding rules correctly for both the cents and dollars parts.

1	A shirt costs $12.78, and a pair of jeans costs $34.21. What is the total cost of both items when rounded to the nearest dollar and nearest 5 cents?
2	Sophie went shopping and bought some fruits for $8.39 and vegetables for $15.78. How much did she spend in total when rounded to the nearest dollar and nearest 5 cents?
3	Liam wants to buy a new board game that costs $29.45 and a pack of cards that costs $5.89. How much money does he need in total when rounded to the nearest dollar and nearest 5 cents?
4	The school cafeteria offers a meal deal for $4.99, which includes a sandwich and a drink. If Sarah buys three meal deals, how much will it cost her in total when rounded to the nearest dollar and nearest 5 cents?

5	Emily has been saving her pocket money. She has $18.47 in her piggy bank. If she wants to buy a toy that costs $22.79, how much more money does she need when rounded to the nearest dollar and nearest 5 cents?
6	The school book fair is selling books for $3.56 each. If Mia wants to buy 4 books, how much will it cost her in total when rounded to the nearest dollar and nearest 5 cents?
7	Ethan is planning a trip and needs to budget his expenses. He estimates that he will spend $85.67 on accommodation and $50.89 on meals. What is the total estimated cost of the trip when rounded to the nearest dollar and nearest 5 cents?

8	The local bakery is selling cupcakes for $2.25 each. If Liam wants to buy 7 cupcakes, how much will it cost him in total when rounded to the nearest dollar and nearest 5 cents?
9	Sarah has $52.79 in her bank account, and she wants to withdraw $30. How much will she have left in her account when rounded to the nearest dollar and nearest 5 cents?
10	A school fundraiser collected $96.47 from selling cookies and $75.89 from selling lemonade. What is the total amount collected when rounded to the nearest dollar and nearest 5 cents?

Personalised English & Math Tutoring

Redeem Free Assessment

Answer Key

Question 1:

1	$4.05
2	$5.00
3	$18.30
4	$7.55
5	$18.75
6	$4.90
7	$7.45
8	$21.25
9	$7.40
10	$8.25

Question 2:

1	Total cost (rounded to the nearest dollar) = $12 + $34 = $46 Total cost (rounded to the nearest 5 cents) = $12.80 + $34.20 = $47.00
2	Total spent (rounded to the nearest dollar) = $8 + $16 = $24 Total spent (rounded to the nearest 5 cents) = $8.40 + $15.80 = $24.20
3	Total cost (rounded to the nearest dollar) = $29 + $6 = $35 Total cost (rounded to the nearest 5 cents) = $29.45 + $5.90 = $35.35
4	Total cost for three meal deals (rounded to the nearest dollar) = $5 x 3 = $15 Total cost for three meal deals (rounded to the nearest 5 cents) = $4.99 x 3 = $14.97

5	Amount needed (rounded to the nearest dollar) = $23 - $18 = $5 Amount needed (rounded to the nearest 5 cents) = $22.80 - $18.50 = $4.30
6	Total cost (rounded to the nearest dollar) = $4 x 4 = $16 Total cost (rounded to the nearest 5 cents) = $3.60 x 4 = $14.40
7	Total estimated cost (rounded to the nearest dollar) = $86 + $51 = $137 Total estimated cost (rounded to the nearest 5 cents) = $85.70 + $50.90 = $136.60
8	Total cost (rounded to the nearest dollar) = $2 x 7 = $14 Total cost (rounded to the nearest 5 cents) = $2.25 x 7 = $15.75
9	Amount left (rounded to the nearest dollar) = $53 - $30 = $23 Amount left (rounded to the nearest 5 cents) = $52.80 - $30.00 = $22.80
10	Total amount collected (rounded to the nearest dollar) = $96 + $76 = $172 Total amount collected (rounded to the nearest 5 cents) = $96.50 + $75.90 = $172.40