



Year 4 Mathematics

Money & Change Workshop

Worksheet 23: Representing & Adding Money

Name: _____ Date: _____

Section 1: Fluency - Writing Money

Write money amounts using the dollar sign (\$) and decimal point correctly.

1. Write "fourteen dollars and sixty-five cents" using a dollar sign and decimal point.

Answer: _____

2. Write "twenty-three dollars and forty cents" in decimal notation.

Answer: _____

3. Write the amount: 8 dollars and 9 cents.

Answer: _____

4. How do you write 567 cents as dollars and cents?

Answer: _____

5. Write "fifty dollars" in decimal notation.



Answer: _____

6. What is the value in dollars: 385 cents?

Answer: _____

7. Write "twelve dollars and five cents" correctly.

Answer: _____

8. Convert 1,250 cents to dollars and cents.

Answer: _____

Dollar Sign Detective!



Why did the dollar sign go to school?

To get more cents out of life!



Section 2: Reasoning - Smallest Number of Coins

Use the fewest coins possible to make each amount.

Australian Coins Reference:



9. Show the smallest number of coins needed to make \$3.85. Draw or list them.

Answer: _____

10. What is the smallest number of coins to make \$1.45?

Answer: _____

11. List the coins needed to make \$0.75 using the fewest coins.

Answer: _____

12. How many coins do you need (at minimum) to make \$5.30?

Answer: _____

13. Show two different ways to make \$2.00 using coins.



14. What is the smallest number of coins to make \$4.95?

Answer: _____

15. Can you make \$0.35 with just 2 coins? If yes, which ones?

Answer: _____



Coin Counter Champion!

Why did the coins go to the party?

Because they wanted to make some change!



Section 3: Fluency - Simple Addition

Add money amounts carefully, lining up the decimal points.

16. Calculate: $\$12.50 + \7.25

Answer: _____

17. Add: $\$15.80 + \9.15

Answer: _____

18. What is $\$23.45 + \16.30 ?

Answer: _____

19. Calculate: $\$8.75 + \$12.50 + \$3.25$

Answer: _____

20. A book costs $\$14.95$ and a pencil case costs $\$6.85$. What is the total?

Answer: _____

21. Add: $\$45.60 + \27.40

Answer: _____

22. What is the sum of $\$19.99$ and $\$5.01$?



Answer: _____

23. Calculate: $\$32.75 + \18.50

Answer: _____

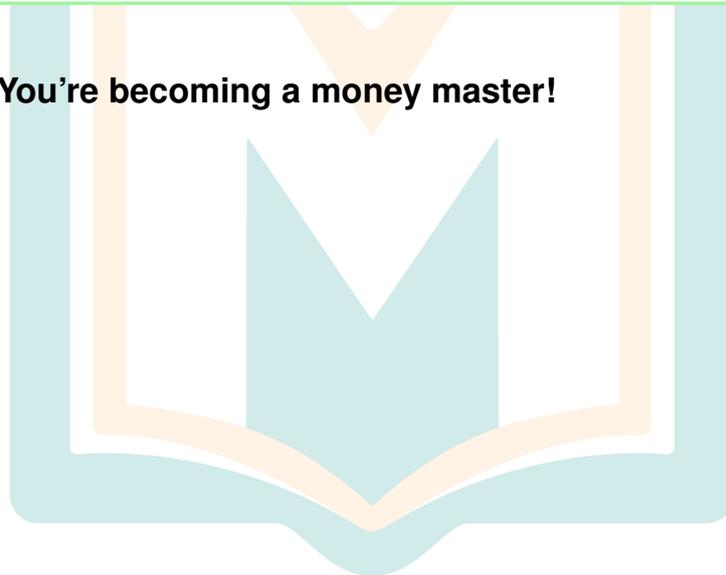
Addition Ace!



Why was the math book sad about money?

Because it had too many problems to add up!

Great work! You're becoming a money master!





Answer Key

Worksheet 23: Representing & Adding Money

Section 1: Fluency - Writing Money

1. Answer: **\$14.65**

2. Answer: **\$23.40**

3. Answer: **\$8.09**

4. Answer: **\$5.67**

Working: $567 \text{ cents} \div 100 = \5.67

5. Answer: **\$50.00** or **\$50**

6. Answer: **\$3.85**

7. Answer: **\$12.05**

8. Answer: **\$12.50**

Section 2: Reasoning - Smallest Number of Coins

9. Answer: **5 coins: \$2, \$1, 50c, 20c, 10c, 5c**

Actually: **6 coins: \$2, \$1, 50c, 20c, 10c, 5c**

10. Answer: **4 coins: \$1, 20c, 20c, 5c**

11. Answer: **2 coins: 50c, 20c, 5c = 3 coins**

Or **50c + 20c + 5c**

12. Answer: **4 coins: \$2, \$2, \$1, 20c, 10c**

Actually: **5 coins**

13. Answer: **Way 1: \$2, Way 2: \$1 + \$1, Way 3: 50c \times 4, etc.**

14. Answer: **6 coins: \$2, \$2, 50c, 20c, 20c, 5c**

15. Answer: **No** (minimum is 3 coins: $20c + 10c + 5c$)

Section 3: Fluency - Simple Addition



- 16. Answer: **\$19.75**
- 17. Answer: **\$24.95**
- 18. Answer: **\$39.75**
- 19. Answer: **\$24.50**
- 20. Answer: **\$21.80**
- 21. Answer: **\$73.00**
- 22. Answer: **\$25.00**
- 23. Answer: **\$51.25**





Year 4 Mathematics

Money & Change Workshop

Worksheet 24: Change & Mathematical Modelling

Name: _____

Date: _____

Section 1: Fluency - Rounding for Change

In Australia, we round to the nearest 5 cents for cash payments.

1. If a snack costs \$3.98, what is it rounded to the nearest 5 cents for cash payment?

Answer: _____

2. Round \$7.43 to the nearest 5 cents.

Answer: _____

3. A book costs \$12.67. What is the rounded price for cash?

Answer: _____

4. Round \$5.22 to the nearest 5 cents.

Answer: _____

5. If an item costs \$8.91, what do you pay in cash?



Answer: _____

6. Round \$15.49 to the nearest 5 cents.

Answer: _____

7. A toy costs \$9.03. What is the cash price?

Answer: _____

8. Estimate: Is \$23.47 closer to \$23.45 or \$23.50?

Answer: _____

Rounding Rockstar!



Why did the cent go to the gym?

To get rounded up to a nickel!



Section 2: Problem Solving - Calculating Change

Work out how much change you receive from purchases.

9. I buy a book for \$14.50 and pay with a \$20 note. How much change do I get?

Working:

Answer: _____

10. A toy costs \$8.75. I pay with \$10. What is my change?

Answer: _____

11. I buy lunch for \$12.30 and pay with a \$50 note. How much change?

Answer: _____

12. A game costs \$27.95. I pay with two \$20 notes. What change do I receive?

Answer: _____

13. I buy a shirt for \$35.40 and pay with \$40. Calculate the change.

Answer: _____

14. An ice cream costs \$4.85. I pay with \$5. How much change?



Answer: _____

15. I spend \$23.60 and pay with \$30. What is my change?

Answer: _____

Change Champion!

Why did the man put his money in the freezer?



Because he wanted cold, hard cash!





Section 3: Challenge - Modelling a Shop

Write number sentences to solve real shopping problems.

16. A toy car costs \$6 and a ball costs \$4. If I buy 3 cars and 2 balls, how much do I spend in total?

Number sentence: _____

Answer: _____

17. Pencils cost \$1.50 each. How much for 5 pencils?

Number sentence: _____

Answer: _____

18. A sandwich costs \$7.50 and a drink costs \$3.20. What is the total cost for both?

Answer: _____

19. Books are \$12 each. If I buy 4 books and pay with \$50, how much change?

Working:

Answer: _____

20. A shop sells apples for \$0.80 each and oranges for \$0.60 each. I buy 6 apples and 5 oranges. What is the total cost?

Number sentence: _____



Answer: _____

21. A movie ticket costs \$15. How much for a family of 4?

Answer: _____

22. I have \$100. I buy 3 toys at \$18 each. How much money do I have left?

Answer: _____

23. Complete this shopping receipt:

SHOPPING RECEIPT

Notebook: $\$3.50 \times 2 =$ _____

Pen: $\$2.00 \times 3 =$ _____

Total: _____

Paid with: \$20.00

Change: _____

Financial Wizard!



Why did the calculator go to the shop?

Because it needed to work out the total!

Fantastic! You're a money expert!



Answer Key

Worksheet 24: Change & Mathematical Modelling

Section 1: Fluency - Rounding for Change

1. Answer: **\$4.00**

(Rounds up because 98 is closer to 100)

2. Answer: **\$7.45**

(43 rounds to 45)

3. Answer: **\$12.65**

(67 rounds to 65)

4. Answer: **\$5.20**

(22 rounds to 20)

5. Answer: **\$8.90**

(91 rounds to 90)

6. Answer: **\$15.50**

(49 rounds to 50)

7. Answer: **\$9.05**

(03 rounds to 05)

8. Answer: **\$23.45**

(47 is closer to 45 than 50)

Section 2: Problem Solving - Calculating Change

9. Answer: **\$5.50**

Working: $\$20.00 - \$14.50 = \$5.50$

10. Answer: **\$1.25**

Working: $\$10.00 - \$8.75 = \$1.25$

11. Answer: **\$37.70**

Working: $\$50.00 - \$12.30 = \$37.70$



12. Answer: **\$12.05**

Working: $\$40.00 - \$27.95 = \$12.05$

13. Answer: **\$4.60**

Working: $\$40.00 - \$35.40 = \$4.60$

14. Answer: **\$0.15** or **15 cents**

Working: $\$5.00 - \$4.85 = \$0.15$

15. Answer: **\$6.40**

Working: $\$30.00 - \$23.60 = \$6.40$

Section 3: Challenge - Modelling a Shop

16. Number sentence: **$(3 \times \$6) + (2 \times \$4) = ?$**

Answer: **\$26**

Working: $\$18 + \$8 = \$26$

17. Number sentence: **$5 \times \$1.50 = ?$**

Answer: **\$7.50**

18. Answer: **\$10.70**

Working: $\$7.50 + \$3.20 = \$10.70$

19. Answer: **\$2.00**

Working: $4 \times \$12 = \48 , then $\$50 - \$48 = \$2$

20. Number sentence: **$(6 \times \$0.80) + (5 \times \$0.60) = ?$**

Answer: **\$7.80**

Working: $\$4.80 + \$3.00 = \$7.80$

21. Answer: **\$60**

Working: $4 \times \$15 = \60

22. Answer: **\$46**

Working: $3 \times \$18 = \54 , then $\$100 - \$54 = \$46$

23. **Notebook: \$7.00**

Pen: \$6.00

Total: \$13.00

Change: \$7.00



Congratulations!

You are now a Money & Change Master!

Keep practicing your financial skills!

