
Chapter 8: New Zealand Coins

Introduction

In this chapter, we study counting coins. The goals are:

- The student is able to identify 10-cent, 20-cent and 50-cent coins.
- The student learns to write 100-cent amounts as dollar amounts.

While the book has pictures for the coins, practicing with real coins is of course advisable.

The student also practises making given money amounts with coins, and using coins in shopping.

The Lessons

	page	span
Ten and Twenty-Cent Coins	135	2 pages
Ten, Twenty and Fifty Cent Coins	137	3 pages
Practising with Coins	140	2 pages
Revision - Coins	142	1 pages

New Zealand Money Resources on the Internet

Use these games and resources to supplement the bookwork as you see fit.

Money Master

Click on New Zealand on the map. How good are you at money handling skills? How fast can you give change? There are various puzzle types from which to choose.

<http://www.mathsisfun.com/money/money-master.html>

Money Memory Game

Match coins/notes with money amounts. You can choose your currency and the size of the memory game.

<http://www.dr-mikes-math-games-for-kids.com/money-memory-game.html?cur=nzd>

Maths-Aids.com Money Worksheets

This Money Worksheet will produce problems with randomly generated coins using New Zealand Money. You have the option to select any combination of 10, 20, 50 Cent, 1 Dollar, and 2 Dollar for each new worksheet. The student will count the coins and write their answer to the right of each problem. This is a good tool to test your students understanding of counting coins. This money worksheet is appropriate for Kindergarten, 1st Grade, and 2nd Grade.

http://www.math-aids.com/Money/Counting_Coins_New_Zealand.html

Ten and Twenty-Cent Coins



This is a ten-cent coin.
It can be written “10c”.



This is a twenty-cent coin.
It can be written “20c”.

In the exercises we use small pictures of these coins. The 10-cent coin is copper coloured, and the 20-cent coin is silver coloured.



Count
up →



20c



40c



60c



70c



80c



90c

To find the total value, add the cent values. It is called **counting up**.
Start counting with the coins of the largest value.

The total of the coins above is 90 cents.

1. Count and write the total amount in cents.

a.



_____ cents

b.



_____ cents

c.



_____ cents

d.



_____ cents

e.



_____ cents

f.



_____ cents

g.



_____ cents

h.



_____ cents

i.



_____ cents



100c = \$1

100 cents makes **one dollar**. We use the “\$” symbol for dollar. So, one dollar is written as \$1.



100c

= \$1.20



+ 20c

This is 120 cents. It makes one dollar and 20 cents. We write it as \$1.20. The “20” after the point tells us the amount of cents. Read it as: “1 dollar and 20 cents” or “a dollar 20.”

2. Count and write the total amount.

a. \$ _____	b. \$ _____
c. \$ _____	d. \$ _____

3. Make these amounts of money using 10-cent and 20-cent coins. You can use real money or draw circles with 10 or 20 written on them.

a. 70 cents	b. 110 cents
c. \$1.20	d. \$1.50

Ten, Twenty, and Fifty-Cent Coins



This coin is worth twenty cents or 20c.



This coin is worth fifty cents or 50c.

Don't confuse the 20-cent and 50-cent coins! They are both silver coloured. To be sure, look at the numbers on them. Also, notice the difference in size.

Count up →



50

70

90

100

110

120

130

Count up to find the total value of the cents. Start counting with the coins with the largest value. Here we have 130 cents or \$1.30.

1. Work out the coin value in cents.

a.



_____ cents

b.



_____ cents

c.



_____ cents

d.



_____ cents

e.



_____ c

f.



_____ c

g.



_____ c

h.



_____ c

i.



_____ c

j.



_____ c

 100c	 200c	 220c = \$2.20	You can count each set of two fifties as a dollar.
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2. Write the total money amount in dollars. Count two fifty-cent pieces as a dollar.

a.  \$ _____	b.  \$ _____
c.  \$ _____	d.  \$ _____
e.  \$ _____	f.  \$ _____

3. Make these money amounts in two different ways. Either use real money or circles with “10”, “20” and “50”.

a. 50 cents - one way	b. 50 cents - one way
c. \$1.10 - one way	d. \$1.10 - another way
e. \$2.10 - one way	f. \$2.10 - another way

When the cents-amount is more than 20 cents, it is good to use the 20-cent coin.

Similarly, when the cents-amount is more than 50 cents, it is good to use the 50-cent coin.

It is not wrong to use lots of tens, but using fifty and twenty-cent coins is more efficient if you have them.



4. Make these money amounts. Try to use the *least* amount of coins as possible. Think!

a. 30 cents	b. 60 cents
c. 90 cents	d. \$1.00
e. \$1.30	f. \$1.60
g. \$2.30	h. \$2.50
i. \$3.00	j. \$3.20

Practising with Coins

1. Write the total amount.

a.  _____ c	b.  _____ c
c.  _____ c	d.  _____ c

2. First draw one 20-cent coin MORE. How much money will there be?

a.  \$ _____	b.  \$ _____
c.  \$ _____	d.  \$ _____

3. First draw one 50-cent coin MORE. How much money will there be?

a.  \$ _____	b.  \$ _____
c.  \$ _____	d.  \$ _____

4. Make these money amounts. Use either real money, or draw circles with numbers for the various coins. Use the least amount of coins possible to make the amounts.

a. 70c	b. \$1.20	c. \$1.00
d. \$1.10	e. \$1.30	f. \$1.60

5. You have some money, and you get some more. Use real money or draw coins to help.

a.	b.
$70c + 20c = \underline{\hspace{2cm}} c$	$\$2.00 + 30c = \$\underline{\hspace{2cm}}$
$90c + 20c = \underline{\hspace{2cm}} c$	$\$3.50 + 40c = \$\underline{\hspace{2cm}}$
$60c + 50c = \underline{\hspace{2cm}} c$	$\$1.60 + 40c = \$\underline{\hspace{2cm}}$
$90c + 50c = \underline{\hspace{2cm}} c$	$\$2.80 + 40c = \$\underline{\hspace{2cm}}$
$80c + 30c = \underline{\hspace{2cm}} c$	$\$1.60 + 70c = \$\underline{\hspace{2cm}}$

Revision - Coins

1. How much money? Write the amount in cents.

a. 	b. 	c. 
d. 	e. 	f. 

2. Draw coins to illustrate these amounts of money.

a. 50 cents	b. 90 cents	c. 60 cents
d. 80 cents	e. 70 cents	f. 40 cents

3. Bob and Sue each bought something. How much money do they each have left?

a. Bob had:  Bob bought a comb for 90 cents. How much is left?	b. Sue had:  Sue bought pins for 80 cents. How much is left?
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