
Chapter 8: Australian Coins

Introduction

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

- The student is able to identify 5 cent, 10 cent and 20 cent coins.
- The student is able to count the money in coins when the cent sum is at most 100 cents.

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

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

You can make free worksheets for counting Australian coins at
www.homeschoolmath.net/worksheets/australian_money.php

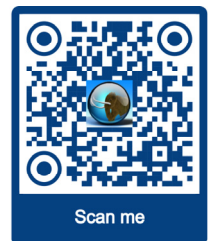
The Lessons

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Helpful Resources on the Internet

You can also access this list of links at <https://links.mathmammoth.com/gr1ch8>

DISCLAIMER: We check these links a few times a year. However, we cannot guarantee that the links have not changed. Parental supervision is always recommended.



Five and Ten-Cent Coins



This is a five-cent coin.
It can be written "5c".



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

In the exercises we use small pictures of these coins. The 5c coin is the smallest, and the 10c coin is largest. They are both silver coloured.



Count
up →



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 on the left is **40 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

j.



_____ cents

		 	 	You can count each set of two fives as a ten.
10c	20c	30c	40c	

2. Count and write the total amount in cents; especially notice all the fives.

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

3. Make these amounts of money in different ways using the five-cent and ten-cent coins.
You can use real money or draw silver circles with 5 and 10 on them.

a. 80 cents	b. 60 cents	c. 100 cents
d. 75 cents	e. 35 cents	f. 55 cents

Twenty and Fifty-Cent Coins



This coin is worth twenty cents or 20c.



This coin is worth fifty cents or 50c.

Don't confuse these coins! They are all silver coloured.
To be sure, look at the numbers on them.

Count
up →



50c



70c



80c



85c



90c

Count up to find the total value of the cents. Start counting with the coins with the largest value. Here we have 90 cents.

1. Work out the coin value in cents.

a.



_____ cents

b.



_____ cents

c.



_____ cents

d.



_____ cents

e.



_____ cents

f.



_____ cents

g.



_____ cents

h.



_____ cents

i.



_____ cents

j.



_____ cents

70c 80c 90c 95c

You can count each set of two fives as a ten.

2. Add up the value of the coins. Write the total amount. Count two fives as a ten.

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

3. Make these money amounts in three different ways. Either use real money or silver circles with “5”, “10”, “20” and “50”.

a. 25 cents – one way	d. 65 cents – one way
b. 25 cents – another way	e. 65 cents – another way
c. 25 cents – yet another way	f. 65 cents – yet another way

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

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

It is not wrong to use lots of tens, but using twenties and fifties is more efficient.



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

a. 25 cents	b. 35 cents
c. 55 cents	d. 65 cents
e. 70 cents	f. 100 cents
g. 80 cents	h. 45 cents
i. 75 cents	j. 30 cents

Practising with Coins

1. Write the total amount in cents.

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

2. First draw a 5-cent coin more. How much money is there now?

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

3. First draw a 10-cent coin more. How much money is there now?

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

4. Make these money amounts. Use either real money, or draw circles with numbers for the various coins.

a. 25c	b. 40c	c. 15c
d. 55c	e. 60c	f. 35c
g. 80c	h. 45c	i. 90c

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

a.

$10c + 10c = \underline{\hspace{2cm}}c$
$20c + 10c = \underline{\hspace{2cm}}c$
$30c + 10c = \underline{\hspace{2cm}}c$
$40c + 10c = \underline{\hspace{2cm}}c$
$50c + 10c = \underline{\hspace{2cm}}c$

b.

$25c + 5c = \underline{\hspace{2cm}}c$
$30c + 5c = \underline{\hspace{2cm}}c$
$35c + 5c = \underline{\hspace{2cm}}c$
$40c + 5c = \underline{\hspace{2cm}}c$
$45c + 5c = \underline{\hspace{2cm}}c$

c.

$40c + 20c = \underline{\hspace{2cm}}c$
$55c + 10c = \underline{\hspace{2cm}}c$
$65c + 5c = \underline{\hspace{2cm}}c$
$60c + 20c = \underline{\hspace{2cm}}c$
$60c + 30c = \underline{\hspace{2cm}}c$

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. 25 cents	c. 60 cents
d. 85 cents	e. 75 cents	f. 35 cents

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

a. Bob had:  Bob bought a comb for 30 cents. How much is left?	b. Sue had:  Sue bought hairpins for 65 cents. How much is left?
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