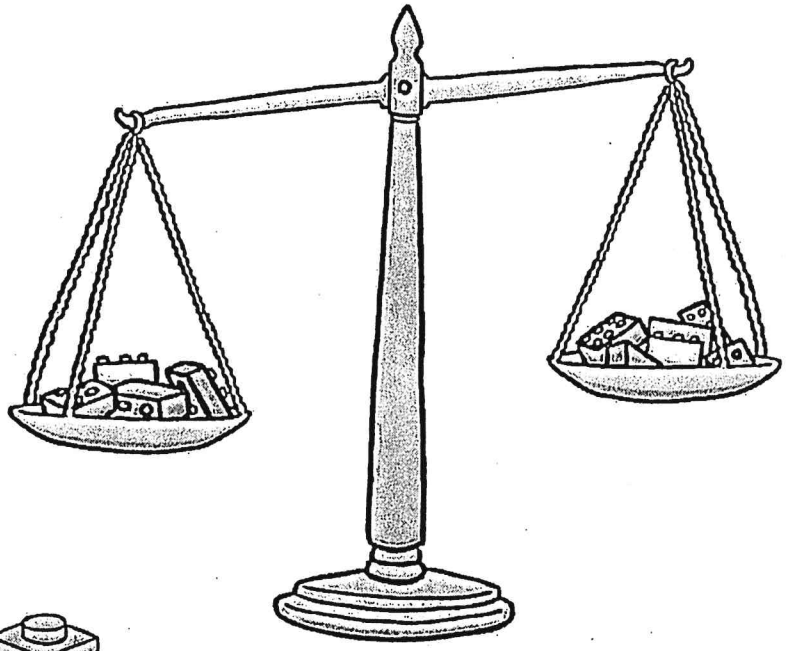
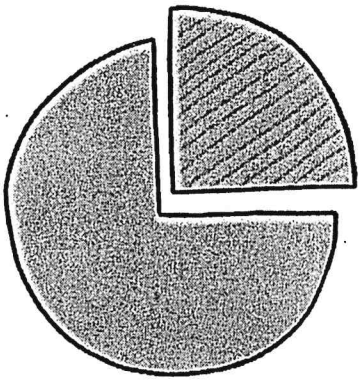
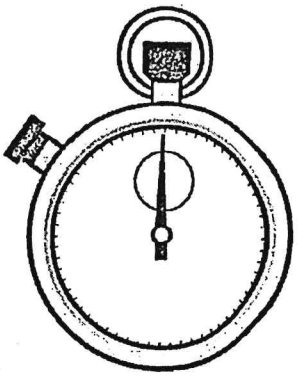
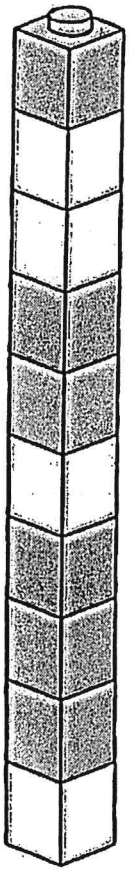
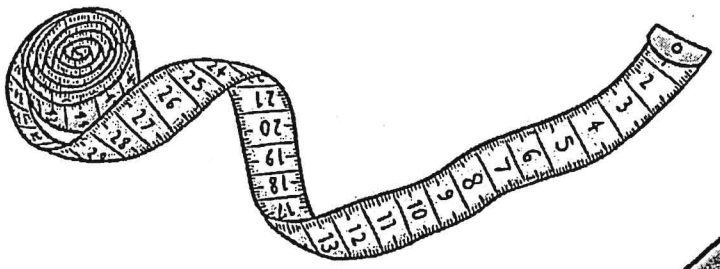
Mathematics

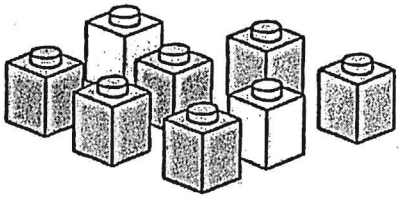


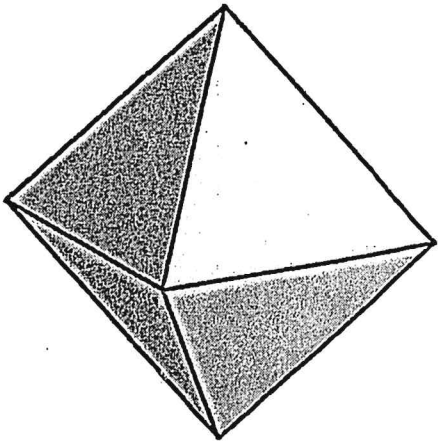












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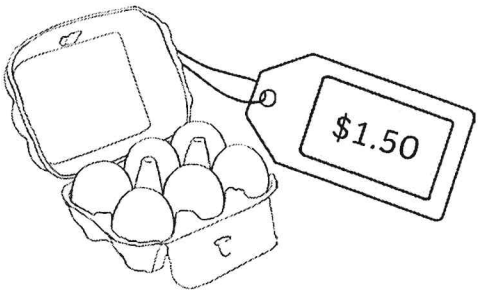
Calculating Change

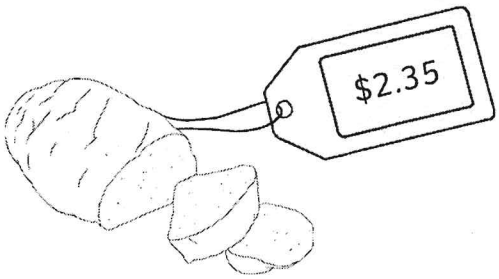
1. Draw the coins that you would receive as change if you bought these items with the money shown.

$2



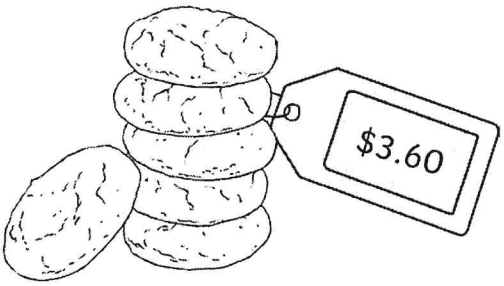
Change:

$2.50



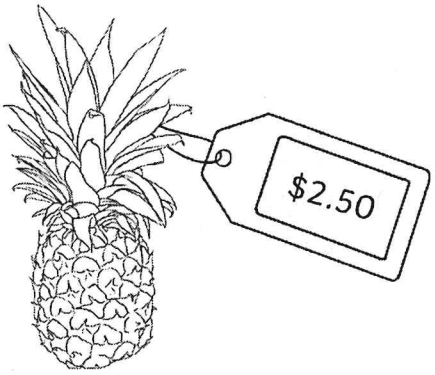
Change:

$5



Change:

$2.70



Change:

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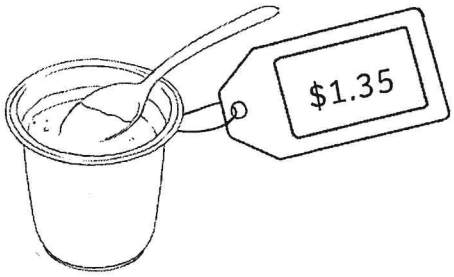
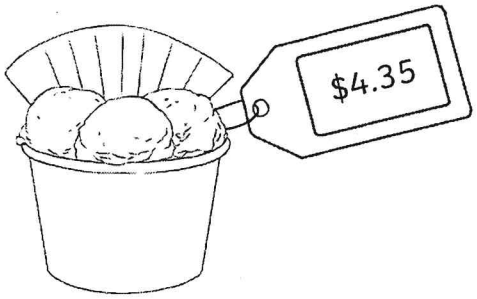
Calculating Change

$2



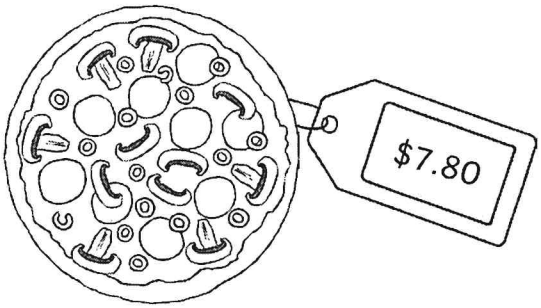
Change:

$5



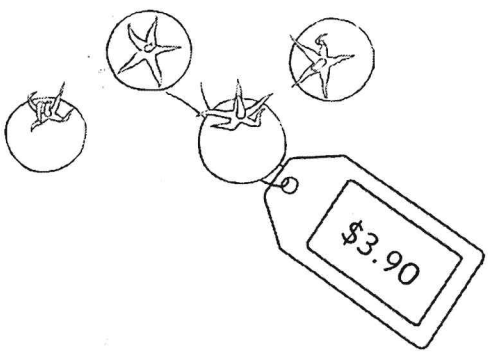
Change:

$9



Change:

$10



Change:

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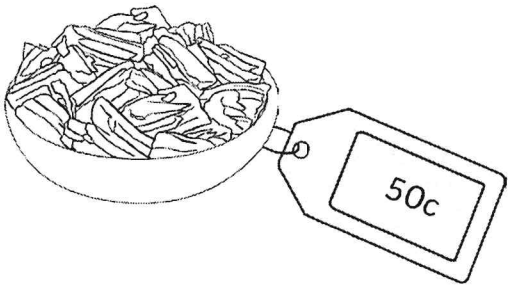
Calculating Change

2. Draw the coins and write the amount that you would receive as change if you bought these items with the money shown.

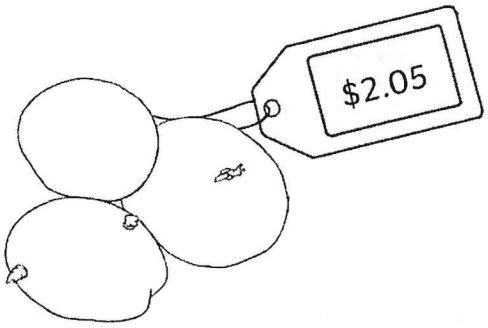
60c



Change:

$_____

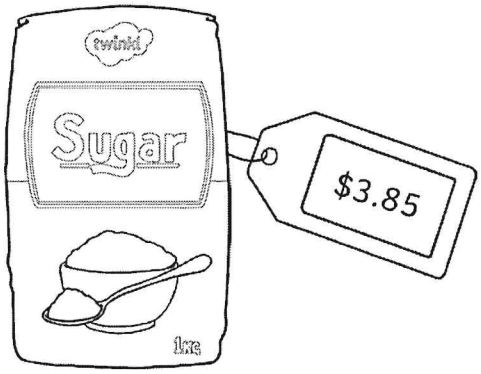
$2.20



Change:

$_____

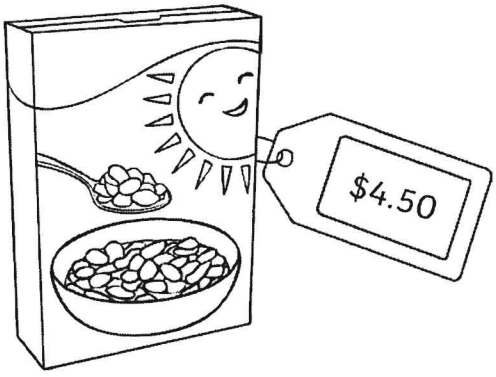
$4



Change:

$_____

$5

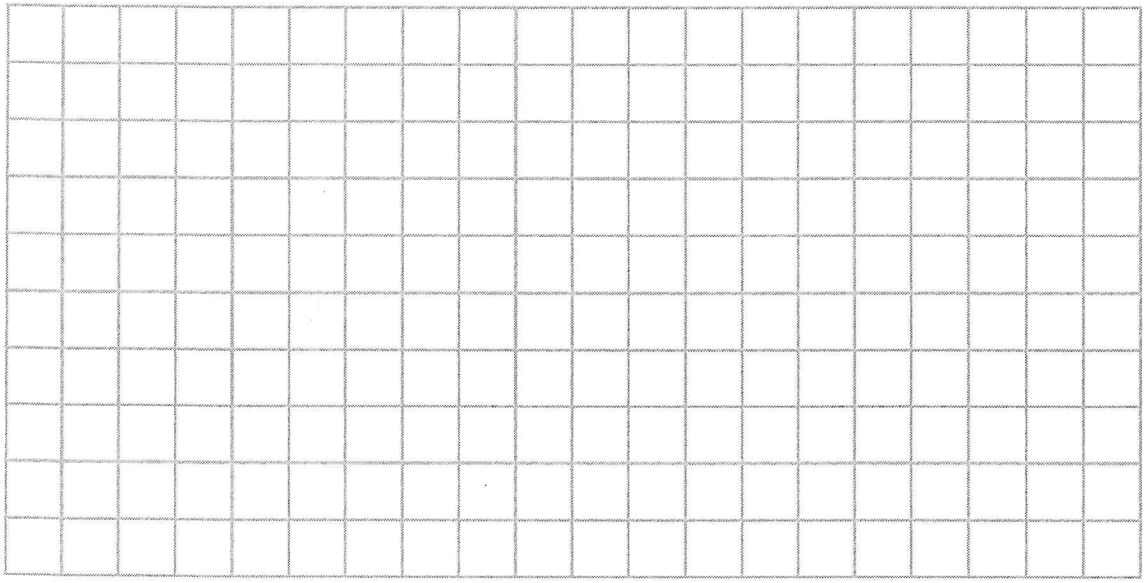


Change:

$_____

3. **Imagine that you bought all of the items in question 2 with a $20 note.**

   a. Calculate the total amount that you would pay and then write the change that you would receive.



Total amount to pay = ☐ Change = ☐

b. Draw the notes and coins that you would receive as change.

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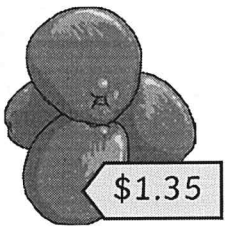
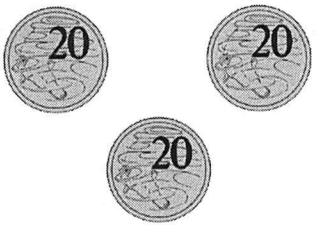
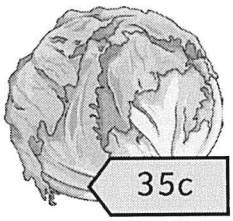
Check Your Change!

Check the change the shopkeeper has given you. Are you happy to walk out of the shop with that change or do you need to go back and inform her of a mistake?

You buy	You pay	Your change	'Thanks for my change!' or 'Excuse me!'
			
			

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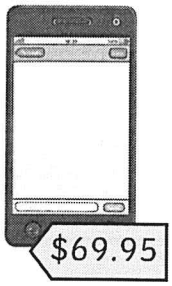
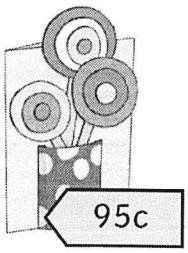
You buy	You pay	Your change	'Thanks for my change!' or 'Excuse me!'
			
			

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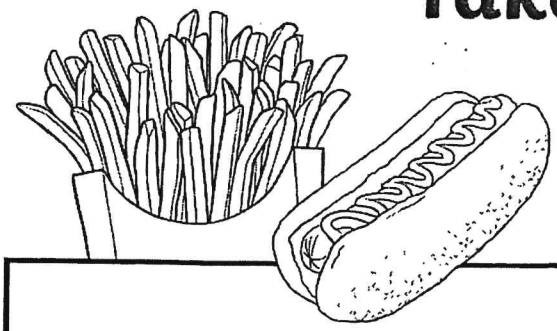
Takeaway Time!



Menu			
Hamburger	$5.00	Slice of cake	$2.80
Hot Dog	$4.50	Potato chips	$1.60
Hot Chips	$3.00	Bag of lollies	$2.50
Crumbed fish	$4.00	Milkshake	$3.90
Pineapple fritter	$1.20	Soft Drink	$1.00
Pizza	$6.00	Coffee	$2.00

1. Frank ordered 2 hot dogs and a pizza. How much change did he get from $20.00?

   _____

2. Sarah bought a pineapple fritter, a soft drink and slice of cake. How much did it cost?

   _____

3. Timothy bought a hamburger, hot chips and a milkshake. How much did it cost?

   _____

4. Genevieve ordered a coffee, 2 slices of cake and some crumbed fish.

   How much change did she get from $30.00?

   _____

5. Aaron bought one of everything on the menu! How much did it cost him?

   _____

Money Matching

Draw a line to match the notes and coins on the left to the amount on the right.

$7.10

$26.30

$15.50

$8.40

$62.05

$12.50

$52.10

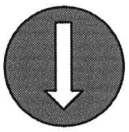
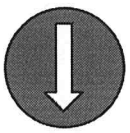
$14.15

$3.95

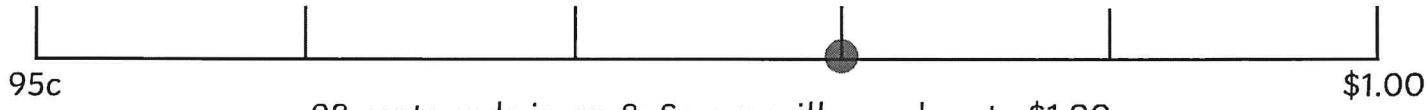
$3.80

Rounding Australian Money Challenge

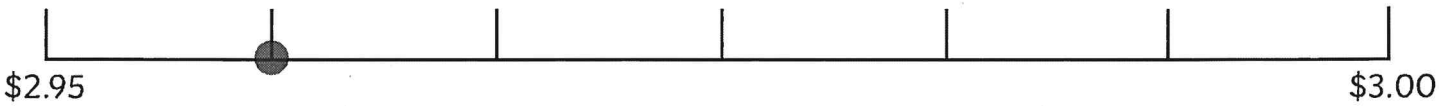
In Australia, we use dollars and cents and use the symbols $ and c. The smallest Australian coin denomination is 5c. This means that when we go shopping and pay in cash we need to round up or down.

If the price ends in **1 or 2**, we need to **round down** to the **nearest 10**		If an item is priced at $1.91, you pay $1.90
If the price ends in **3 or 4**, we need to **round up** to the **nearest 5**		If an item is priced at $1.94, you pay $1.95
If the price ends in **6 or 7**, we need to **round down** to the **nearest 5**		If an item is priced at $1.96, you pay $1.95
If the price ends in **8 or 9**, we need to **round up** to the **nearest 10**		If an item is priced at $1.98, you pay $2.00

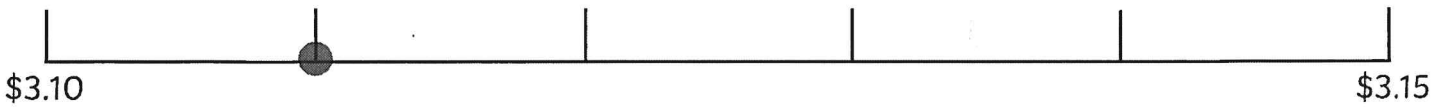
Example:



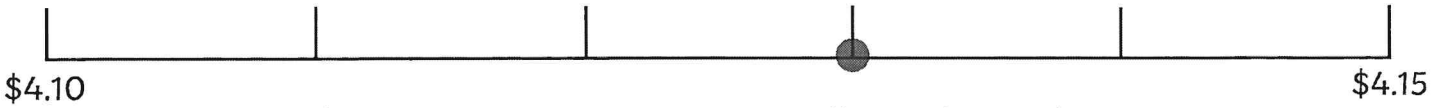
98 cents ends in an 8. So, we will round up to $1.00.



$2.96 ends in a 6. So, we will round down to $2.95



$3.11 ends in a 1. So, we will round down to $3.10.



$4.13 cents ends in a 3. So, we will round up to $4.15.

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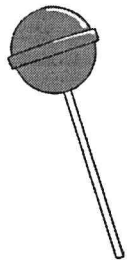
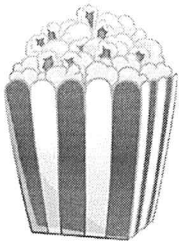
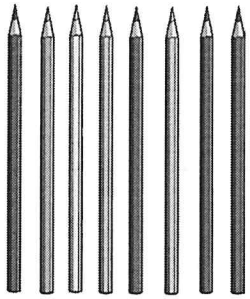
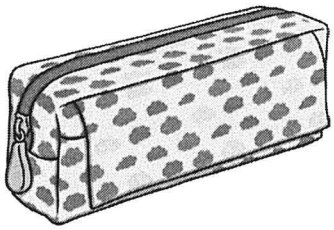
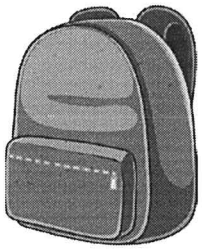
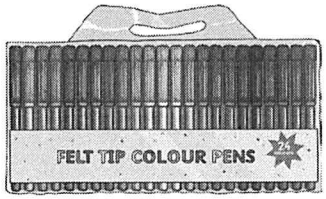
Answer these questions by rounding up or down to find how much cash will be needed.

1. At the shop, we go and buy some yummy treats. Work out how much cash you would need for the following items.

	Lollipop	43c	You will need ☐ in cash.
	Chocolate bar	$1.99	You will need ☐ in cash.
	Strawberry milk	$2.81	You will need ☐ in cash.
	Popcorn	$1.49	You will need ☐ in cash.
	Ice cream	$3.99	You will need ☐ in cash.

2. At the stationary shop, we need to buy some school equipment. Work out how much cash you will need for the following items.

	Coloured pencils	$8.93	You will need in cash.
	Pencil case	$14.27	You will need in cash.
	Diary	$12.18	You will need in cash.
	Schoolbag	$33.99	You will need in cash.
	Pens	$5.21	You will need in cash.

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When we are buying many items, we round the total cost. Calculate how much the total would be for each question.

3. We are going clothes shopping. Work out how much cash you will need for each item.

a. Max buys 3 t-shirts for $9.99 each. How much cash does he need?

_____

My Working Out

b. Laila buys two pairs of jeans. The cost $18.92 each. How much cash does she need?

_____

My Working Out

c. Nell buys 3 pairs of socks for $4.22 each and a pair of shoes for $25.98. How much cash does she need?

_____

My Working Out

d. Charlie buys a jumper for $26.87, a jacket for $31.13 and a scarf for $7.93. How much cash does he need?

_____

My Working Out

e. Darcey buys football boots for $54.45 and a t-shirt for $23.91 How much cash does she need?

_____

My Working Out