

NS4-92: Dollar and Cent Notation

The charts show how to represent money in cent notation and in dollar notation.

	Cent Notation	Dollar (Decimal) Notation		Cent Notation	Dollar (Decimal) Notation
Sixty-five cents	65¢	\$0.65 dimes ↗ pennies ↘		Seven cents	7¢ \$0.07 dimes ↗ pennies ↘

A dime is a tenth of a dollar. A penny is a hundredth of a dollar.

1. Write the total amount of money in cent and in dollar (decimal) notation.

a)

dimes	pennies
3	4

= 34 ¢ = \$ 0.34

b)

dimes	pennies
0	5

= ¢ = \$

c)

dimes	pennies
4	3

= ¢ = \$

d)

dimes	pennies
8	7

= ¢ = \$

e)

dimes	pennies
5	4

= ¢ = \$

f)

dimes	pennies
0	9

= ¢ = \$

g)

dimes	pennies
0	2

= ¢ = \$

h)

dimes	pennies
7	5

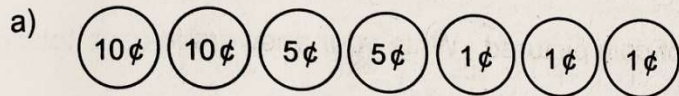
= ¢ = \$

i)

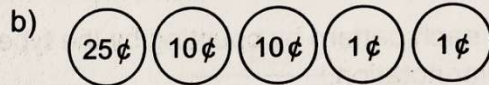
dimes	pennies
0	1

= ¢ = \$

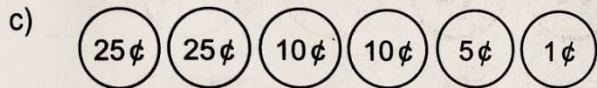
2. Count the given coins and write the total amount in cents and in dollar (decimal) notation.



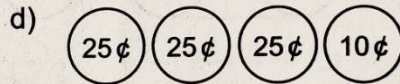
Total amount = _____ ¢ = \$ _____



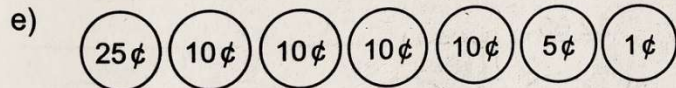
Total amount = _____ ¢ = \$ _____



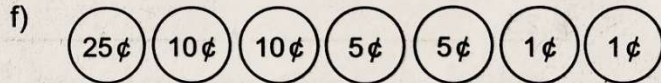
Total amount = _____ ¢ = \$ _____



Total amount = _____ ¢ = \$ _____



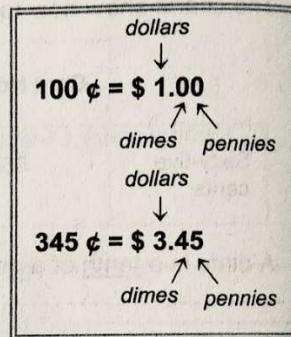
Total amount = _____ ¢ = \$ _____



Total amount = _____ ¢ = \$ _____

3. Complete the chart.

	Amount in ¢	Dollars	Dimes	Pennies	Amount in \$
a)	143¢	1	4	3	\$ 1.43
b)	47¢				
c)	325¢				
d)	3¢				
e)	816¢				



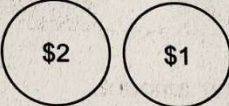
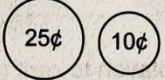

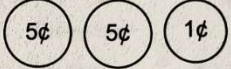
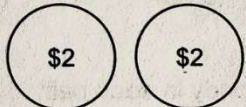
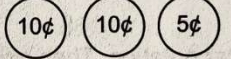

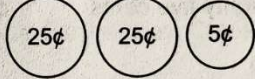

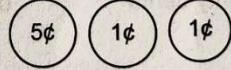

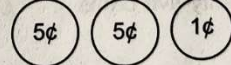
4. Write each amount in cent notation.

- a) \$3.00 = 300¢ b) \$0.60 = _____ c) \$0.08 = _____ d) \$1.00 = _____
 e) \$7.00 = _____ f) \$12.00 = _____ g) \$15.00 = _____ h) \$14.00 = _____
 i) \$1.99 = _____ j) \$1.11 = _____ k) \$1.51 = _____ l) \$1.37 = _____
 m) \$0.98 = _____ n) \$0.55 = _____ o) \$0.03 = _____ p) \$0.08 = _____

5. Write each amount in dollar notation.

- a) 254¢ = \$2.54 b) 103¢ = _____ c) 216¢ = _____ d) 375¢ = _____
 e) 300¢ = _____ f) 4¢ = _____ g) 7¢ = _____ h) 90¢ = _____
 i) 600¢ = _____ j) 1000¢ = _____ k) 1200¢ = _____ l) 1600¢ = _____

1. Complete the chart as shown in a).

	Dollar Amount		Cent Amount		Total
a)	 $= \underline{\$3}$		 $= \underline{35¢}$		<u>\$3.35</u>
b)	 $= \underline{\hspace{2cm}}$		 $= \underline{\hspace{2cm}}$		<u> </u>
c)	 $= \underline{\hspace{2cm}}$		 $= \underline{\hspace{2cm}}$		<u> </u>
d)	 $= \underline{\hspace{2cm}}$		 $= \underline{\hspace{2cm}}$		<u> </u>
e)	 $= \underline{\hspace{2cm}}$		 $= \underline{\hspace{2cm}}$		<u> </u>
f)	 $= \underline{\hspace{2cm}}$		 $= \underline{\hspace{2cm}}$		<u> </u>

in dollars (decimals)

2. Shelly spent \$12.50 on a blouse and \$4.35 on a pair of socks.
To find out how much she spent, she added the amounts using the following steps:

\$	1	2.	5	0	
+	\$		4.	3	5

Step 1:
She lined up the decimal points and the numerals.

\$	1	2.	5	0	
+	\$		4.	3	5
	1	6	8	5	

Step 2:
She added the numerals, starting with the pennies.

\$	1	2.	5	0	
+	\$		4.	3	5
	1	6.	8	5	

Step 3:
She added a decimal point to show the amount in dollars.

Find the total by adding.

a) $\$5.45 + \3.23

\$	5.	4	5	
+	\$	3.	2	3
		.		

b) $\$22.26 + \15.23

\$.	
+	\$.	
		.	

c) $\$18.16 + \20.32

\$.	
+	\$.	
		.	

3. To add the amounts below, you will have to regroup.

a)

\$	1	3.	6	0	
+	\$	2	5.	5	5

b)

\$	1	8.	2	5	
+	\$	5	3.	1	2

c)

\$	4	5.	2	0	
+	\$		6.	5	5

4. Ari paid 23¢ for a muffin and 35¢ for an apple. How much did he spend in total?



5. Alan bought a book for $\$14.25$ and a box of candles for $\$10.14$. How much did he spend in total?



6. From her babysitting job, Meera saved 6 toonies, 5 dimes and 3 pennies. Kyle saved a 5 dollar bill, 3 toonies, 2 dimes and 4 pennies from his. Who saved more money?

7. Mansa has $\$18$.
- a) If she spends $\$12.00$ on a movie, can she buy a magazine for $\$3.29$?
 - b) If she buys a book for $\$7.50$ and a cap for $\$9.00$, can she buy a subway ticket for $\$2.25$?

8. Four children bought dogs at an animal shelter.

- ✓ Anthony paid for his dog with 2 twenty dollar bills, 1 toonie, 1 loonie, 2 quarters and 1 nickel.
- ✓ Mike paid with 2 ten dollar bills, 8 toonies and 1 quarter.
- ✓ Sandor paid with 1 twenty and 1 ten dollar bill, 1 loonie and 3 quarters.
- ✓ Tory paid with 2 twenty dollar bills, 4 toonies, 1 loonie and 3 dimes.

Find the amount each child paid. Then match their names with the dog they bought.



Dog A
\$ 31.75



Dog B
\$ 49.30



Dog C
\$42.68



Dog D
\$ 44.34



Dog E
\$ 36.25



Dog F
\$ 43.55

1. Find the remaining amount by subtracting.

a)

\$	2	.	8	4	
-	\$	1	.	3	1

b)

\$	7	.	2	9	
-	\$	4	.	0	5

c)

\$	9	.	6	7	
-	\$	4	.	2	6

d)

\$	7	.	8	6	
-	\$	5	.	2	3

e)

\$	5	.	5	4	
-	\$	3	.	3	4

2. Subtract the given money amounts by regrouping once or twice.

Example: Step 1: Step 2:

	5		10		
	\$	0 .	0	0	
	-	\$	4	3	5
			.		

	5	9	10		
	\$	0 .	0	0	
	-	\$	4	3	5
	\$	1	6	5	

a)

\$	7	.	0	0	
-	\$	4	.	4	5

b)

\$	9	.	0	0	
-	\$	3	.	2	6

c)

\$	9	.	0	4	
-	\$	8	.	9	5

d)

\$	5	3	.	0	0
-\$	2	2	.	3	1

e)

\$	4	7	.	4	5
-\$	3	8	.	4	5

f)

\$	2	7	.	4	8
-\$	1	3	.	6	6



- Val has \$1.85. He lends \$1.45 to his friend.
How much money does he have left?
- Chris spent \$4.23 on his lunch.
He paid with a five dollar bill. Calculate his change.
- Anya went to a grocery store with \$10.00.
Can she buy bread for \$2.50, juice for \$4.00 and cereal for \$4.50?
If not, by how much is she short?
- Mark has \$25.00.
He wants to buy a shirt for \$14.95 and pants for \$16.80.
How much extra money does he need to buy the pants and shirt?

