


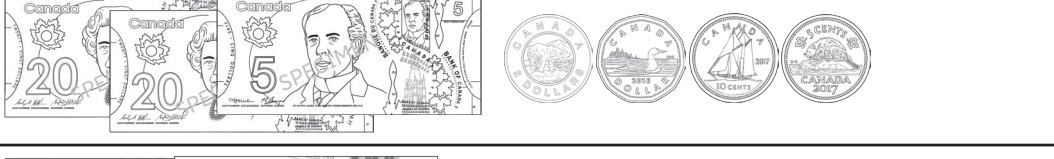
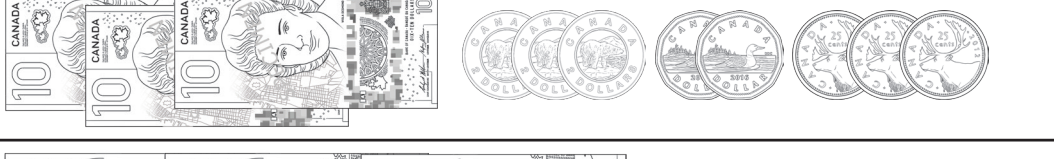

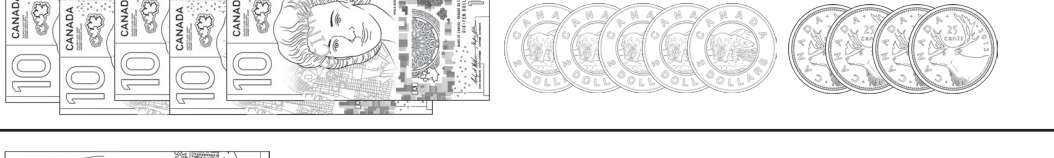
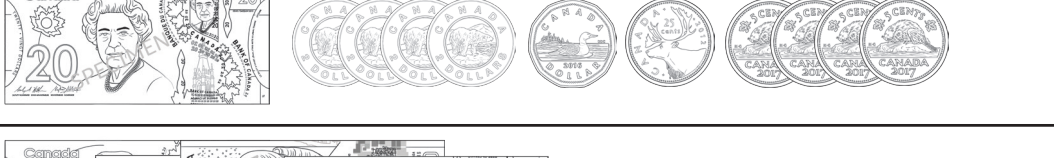




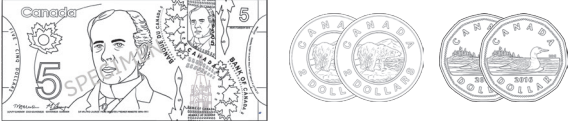


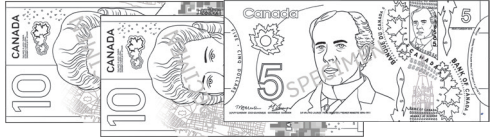
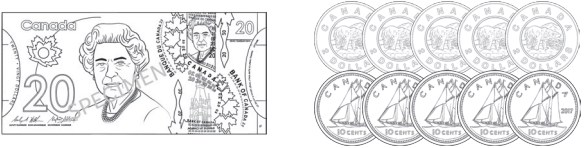



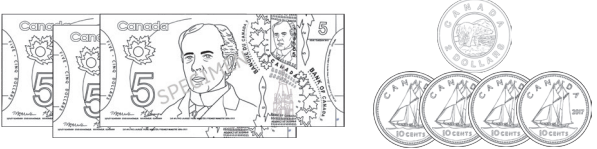

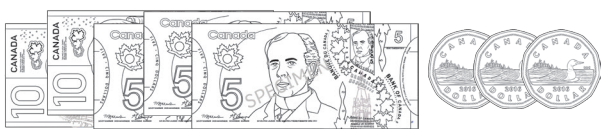
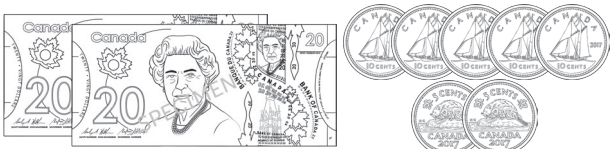

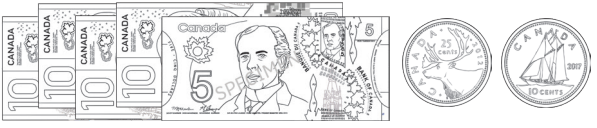
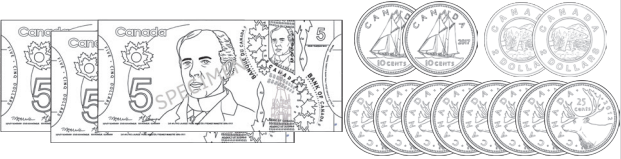
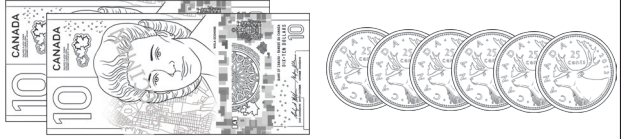


Counting Money Answers

1.		\$10.35
2.		\$11.50
3.		\$31.00
4.		\$48.15
5.		\$38.75
6.		\$71.45
7.		\$61.00
8.		\$29.45
9.		\$49.50
10.		\$79.35

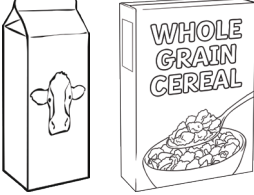


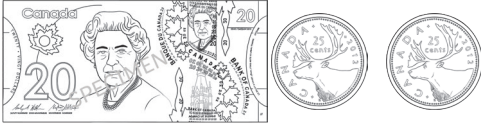
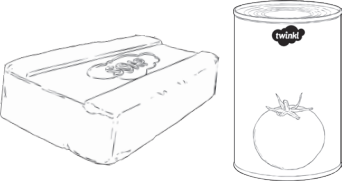


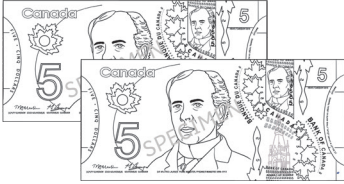
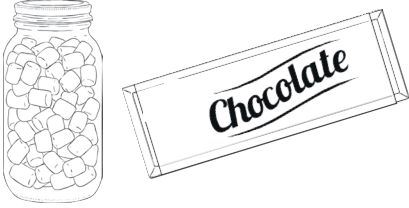

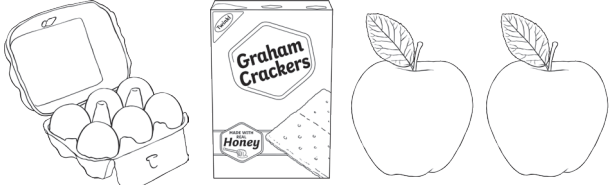

Comparing Money Answers

Use the correct symbol (<, > or =) to compare the two combinations of money.



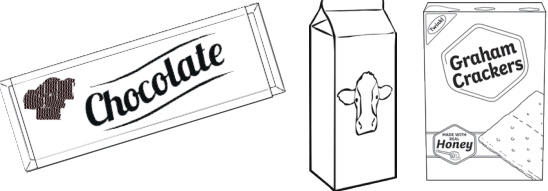




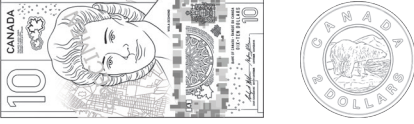
Combination 1	<, > or =	Combination 2
	<	
	>	
	>	
	>	
	=	
	>	
	<	
	>	
	<	

Making Change Artwork

Calculate the change the customer should be getting back.

Items Bought	Paid	Change
		<p>\$3.50</p>
		<p>\$15.15</p>
		<p>\$4.90</p>
		<p>\$4.05</p>
		<p>\$1.25</p>
		<p>\$3.20</p>

Making Change, Canadian Money Activity Pack Answers

		<p>\$0.90</p>
		<p>\$14.30</p>
		<p>\$0.25</p>
		<p>\$1.15</p>

Calculating Sales Tax **Answers**

1. What is the total tax rate in the province or territory in which you reside?

answers will vary

2. Which provinces and/or territories have the lowest total tax rates?

Alberta, Northwest Territories, Nunavut, Yukon

3. Which provinces and/or territories have the highest total tax rates?

New Brunswick, Newfoundland and Labrador, Nova Scotia, Prince Edward Island

1. A t-shirt costs \$15. The tax rate in Prince Edward Island is 15%.

What is the total cost of the t-shirt?

\$17.25

2. A website advertises a watch on sale for \$34.99. The tax rate in Saskatchewan is 11%. What is the total cost of the watch?

\$38.84

3. Kate is shopping for a new journal. The price tag says it will cost \$19.99. The tax rate in the Yukon is 5%. How much will the journal cost?

\$20.99

4. Jean is saving up to buy a new hockey jersey. The price tag shows it costs \$59.99. In Quebec the tax rate is 14.975%. How much money will Jean need to save?

\$68.97

5. The price tag on the basketball reads \$29.99. The tax rate in Ontario is 13%. What is the total cost of the basketball?

\$33.89

6. A puzzle costs \$22. The tax rate in British Columbia is 12%. What is the total cost of the puzzle?

\$24.64

Unit Price Answers

1. orange juice	
a. \$2.99 for 1.5 L	b. \$4.99 for 2.63 L
Unit price: \$1.99/L	Unit price: \$1.92/L
Which is the better deal? B	

3. lentils	
a. \$4.19 for 900 g	b. \$2.99 for 450 g
Unit price: \$0.47/100g	Unit price: \$0.66/100g
Which is the better deal? A	

5. pet food	
a. \$5.99 for 1.5 kg	b. \$9.49 for 2 kg
Unit price: \$3.99/kg	Unit price: \$4.75/kg
Which is the better deal? A	

7. jar pickles	
a. \$4.99 for 1 L	b. \$3.49 for 0.5 L(500 mL)
Unit price: \$4.99/L or \$0.50/100mL	Unit price: \$6.98/L or \$0.70/100mL
Which is the better deal? A	

2. cheese	
a. \$8.99 for 700 g	b. \$3.99 for 400 g
Unit price: \$1.28/100g	Unit price: \$1/100g
Which is the better deal? B	

4. detergent bottle	
a. \$6.99 for 1 L	b. \$11.99 for 1.8 L
Unit price: \$6.99/L	Unit price: \$6.66/L
Which is the better deal? B	

6. boxed tissues	
a. 1 box of 90 sheets for \$1.99	b. Pack of 3 boxes with 126 sheets per box for \$4.99
Unit price: \$0.02/sheet	Unit price: \$0.01/sheet
Which is the better deal? B	

7. cereal	
a. \$2.99 for 450 g	b. \$4 for 354 g
Unit price: \$0.66/100g	Unit price: \$1.13/100g
Which is the better deal? A	

Calculating Simple Interest **Answers**

Principal	Interest Rate	Time	Interest
1. \$250	5%	1	\$12.50
2. \$1000	2%	1	\$20
3. \$400	4%	1	\$16
4. \$900	2%	2	\$36
5. \$5000	3%	3	\$450
6. \$350	1.5%	4	\$21
7. \$2200	4%	6	\$528
8. \$2350	2.5%	3	\$176.25
9. \$175	3%	2	\$10.50
10. \$3000	1.5%	4	\$180

Compound Interest Answers

Principal	Interest Rate	Number of years	Final Amount
1. \$100	2%	5	\$110.41
2. \$450	1.5%	2	\$463.60
3. \$1000	1.2%	3	\$1036.43
4. \$300	2%	4	\$324.73
5. \$2000	3%	2	\$2121.80
6. \$1500	2.2%	4	\$1636.42
7. \$600	1.5%	3	\$627.41
8. \$1250	1.3%	6	\$1350.72

Word Problems:

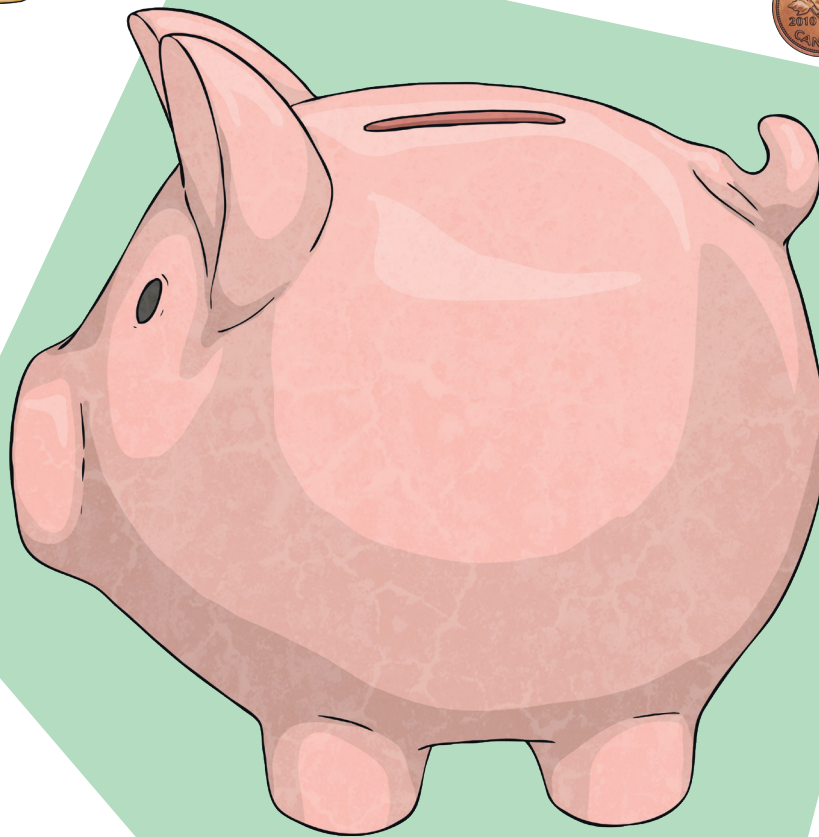
1. Zach deposited \$400 into an investment account. The interest rate is 1.5% and is compounded annually. After 3 years, what is his account balance?

\$418.27

2. Monica borrowed \$10 000 to purchase a car at an interest rate of 2% which is compounded annually. It took her 5 years to pay off the loan. In the end, how much did Monica have to pay?


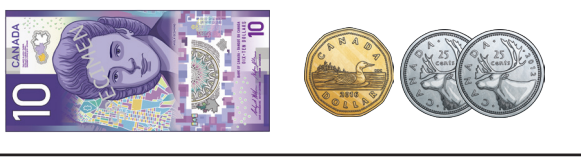


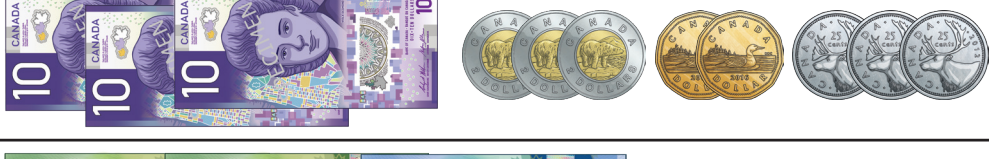


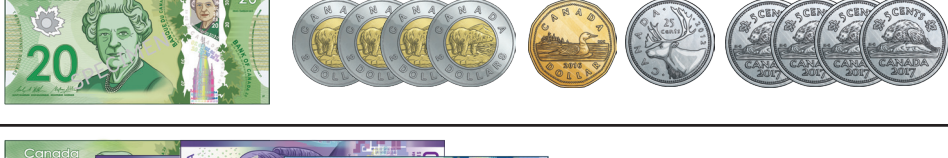


\$11 040.81

Canadian Money Activity Pack





















Counting Money

Calculate the total sum of the money.

1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Comparing Money: More, Less or Equal?

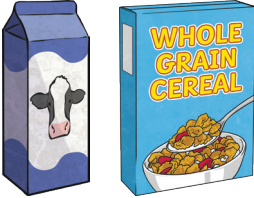



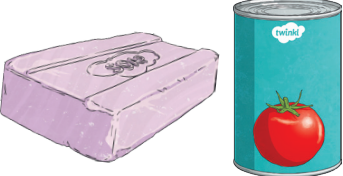



Use the correct symbol (<, > or =) to compare the two combinations of money.

Combination 1	<, > or =	Combination 2
		
		
		
		
		
		
		
		
		











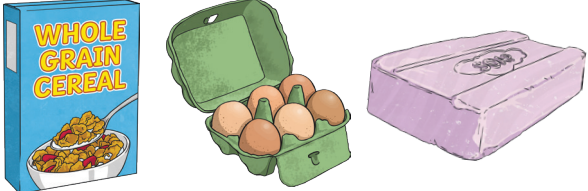

Making Change



Calculate the change the customer should be getting back.

Items Bought	Paid	Change
		
		
		
		

Making Change, Canadian Money Activity Pack

Calculating Sales Tax

While shopping you have probably noticed that items cost more than the listed price. That is because in Canada, we have something called **sales tax**. Sales tax can have different names including: **Provincial Sales Tax (PST)**, **Goods and Services Tax (GST)** and **Harmonized Sales Tax (HST)**.

The exact amount of tax you pay depends on the province and/or the type of product you are buying. (For example basic groceries such as fresh fruits and vegetables, eggs and meats are not taxed, however, items such as prepared foods, snacks and beverages are.)

	PST	GST	HST	Total Tax Rate
Alberta		5%		5%
British Columbia	7%	5%		12%
Manitoba	7%*	5%		12%
New Brunswick			15%	15%
Newfoundland and Labrador			15%	15%
Northwest Territories		5%		5%
Nova Scotia			15%	15%
Nunavut		5%		5%
Ontario			13%	13%
Prince Edward Island			15%	15%
Quebec	9.975%*	5%		14.975%
Saskatchewan	6%	5%		11%
Yukon		5%		5%

*In Manitoba, this is known as Retail Sales Tax (RST)

**In Quebec this is known as Québec Sales Tax (QST)

1. What is the total tax rate in the province or territory in which you reside?

2. Which provinces and/or territories have the lowest total tax rates?

3. Which provinces and/or territories have the highest total tax rates?
-

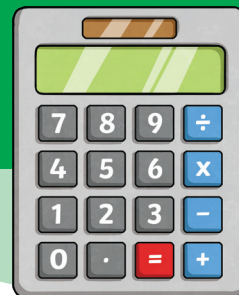
How to calculate tax:

Step 1: Multiply the listed price by the tax rate. Ex. $\$19.99 \times 13 = \259.87

Step 2: Divide by 100. $\$259.87 \div 100 = \2.5987

Step 3: Round to nearest cent. $\$2.5987 \rightarrow \2.60

Step 4: Add the answer to the listed price. $\$19.99 + \$2.60 = \$22.59$



1. A t-shirt costs \$15. The tax rate in Prince Edward Island is 15%.
What is the total cost of the t-shirt?

2. A website advertises a watch on sale for \$34.99. The tax rate in Saskatchewan is 11%. What is the total cost of the watch?

3. Kate is shopping for a new journal. The price tag says it will cost \$19.99. The tax rate in the Yukon is 5%. How much will the journal cost?

4. Jean is saving up to buy a new hockey jersey. The price tag shows it costs \$59.99. In Quebec the tax rate is 14.975%. How much money will Jean need to save?

5. The price tag on the basketball reads \$29.99. The tax rate in Ontario is 13%. What is the total cost of the basketball?

6. A puzzle costs \$22. The tax rate in British Columbia is 12%. What is the total cost of the puzzle?

Unit Price

Compare prices for each item by calculating the unit price. Select the better deal for each item below.

1. orange juice



- a. \$2.99 for 1.5 L b. \$4.99 for 2.63 L

Unit price:

Unit price:

Which is the better deal?

3. lentils



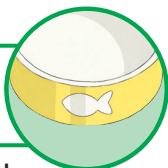
- a. \$4.19 for 900 g b. \$2.99 for 450 g

Unit price:

Unit price:

Which is the better deal?

5. pet food



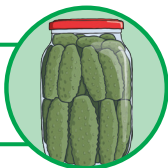
- a. \$5.99 for 1.5 kg b. \$9.49 for 2 kg

Unit price:

Unit price:

Which is the better deal?

7. jar pickles



- a. \$4.99 for 1 L b. \$3.49 for 0.5 L (500 mL)

Unit price:

Unit price:

Which is the better deal?

2. cheese



- a. \$8.99 for 700 g b. \$3.99 for 400 g

Unit price:

Unit price:

Which is the better deal?

4. detergent bottle



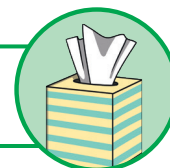
- a. \$6.99 for 1 L b. \$11.99 for 1.8 L

Unit price:

Unit price:

Which is the better deal?

6. boxed tissues



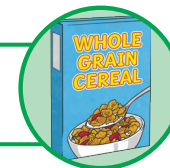
- a. 1 box of 90 sheets for \$1.99 b. Pack of 3 boxes with 126 sheets per box for \$4.99

Unit price:

Unit price:

Which is the better deal?

7. cereal



- a. \$2.99 for 450 g b. \$4 for 354 g

Unit price:

Unit price:

Which is the better deal?

Calculating Simple Interest

$$I = P \times R \times T$$

I = Interest is a percentage of the principal paid over an interval of time

P = Principal refers to the sum of money deposited or loaned.

R= Rate of interest (as a decimal)

T= Time in years



For example:

Sam deposited \$120 into his savings account with an interest rate of 3%. What would his interest be in 2 years?

$$I = \$120 \times 0.03 \times 2$$

$$I = \$7.20$$

Did you know?

Interest can be earned on money that is deposited and/or invested. Interest can also be charged on money borrowed. This is the cost of the loan.

Follow the formula to calculate the **simple** interest.

Principal	Interest Rate	Time	Interest
1. \$250	5%	1	
2. \$1000	2%	1	
3. \$400	4%	1	
4. \$900	2%	2	
5. \$5000	3%	3	
6. \$350	1.5%	4	
7. \$2200	4%	6	
8. \$2350	2.5%	3	
9. \$175	3%	2	
10. \$3000	1.5%	4	

Compound Interest



$$A = P(1+i)^n$$

A = Final amount including principal

P = Principal

i = interest rate per year (as a decimal)

n = number of years

For example:

Halima invested \$2000 at 2% compounded annually for 3 years. What will her balance be after 3 years?

$$A = \$2000(1 + 0.02)^3$$

$$A = \$2122.42$$

Follow the formula to calculate the **compound** interest.

Principal	Interest Rate	Number of years	Final Amount
1. \$100	2%	5	
2. \$450	1.5%	2	
3. \$1000	1.2%	3	
4. \$300	2%	4	
5. \$2000	3%	2	
6. \$1500	2.2%	4	
7. \$600	1.5%	3	
8. \$1250	1.3%	6	

Word Problems:

- Zach deposited \$400 into an investment account. The interest rate is 1.5% and is compounded annually. After 3 years, what is his account balance?
- Monica borrowed \$10 000 to purchase a car at an interest rate of 2% which is compounded annually. It took her 5 years to pay off the loan. In the end, how much did Monica have to pay?

