

Big Ideas and Concepts

Percents are used to represent and describe parts of wholes of numbers.

Financial percentages include sales tax, discounts, tips, and sale prices.

Financial literacy is an important aspect of numeracy.

Math Workshop focus:

Percentage discounts involve thinking about subtraction, decomposing numbers, proportional reasoning and relating percentages, fractions, and decimal numbers in different forms.

The following financial literacy tasks are meant to be printed on cardstock and cut into cards to be placed in a basket or tray for grades 6&7 students to select from during math workshop.

They were developed in collaboration as part of a SD38 Inquiry Grant project in 2021-2022.

Janice

Bus passes are going on sale for 20% off for the month of April. If a bus pass regularly costs \$50, how much will the sale price be?

Solve this question using at least two different strategies to “prove” your solution is correct. Use pictures, numbers, symbols and/or words to make your case.

You and someone from your family went to the store with \$75.00 in cash. You bought some groceries for \$61.35. How much change did you get back? What different combinations of bills and coins could the cashier give you your change with? How could you represent this financial exchange?

I am going to buy a new table for my studio. The table regularly costs \$120 but it is on sale for 25% off. How much will the sale price be? How much will it cost with tax? In BC we pay 5% GST (Federal Goods and Services Tax) and 7% PST (Provincial Sales Tax) for a total of 12% tax. Solve this question using at least two different strategies to “prove” your solution is correct. Use pictures, numbers, symbols, numberlines and/or words to make your case.

Choose an amount: \$24.50 \$99.95 \$225.00

Using coins and bills, what are the different ways you can make the amount you chose? Draw or write out the different coin/bill combinations. Try and find at least three ways to make the amount with coins/bills.

I went to the sports store and bought eight hockey pucks. Each puck was \$1.79. (You can choose whether to calculate the tax or not for this problem). I gave the cashier a fifty-dollar bill to pay for the hockey pucks. How much change should they give me? Show your thinking using numbers and words.

You have \$20 to buy some art supplies at a store. The prices are:

<i>A big box of 72 pencil crayons</i> \$3.95	<i>Scissors</i> \$2.99	<i>Pad of white paper</i> \$4
<i>Pad of coloured construction paper</i> \$6	<i>Gluestick</i> \$0.99	<i>Tape</i> \$1.50
<i>Watercolour paints and brush</i> \$6.99	<i>Black fineline marker</i> \$1.79	

Create a budget to show a list of what you plan to buy. Add the GST and PST into your budget for a total of 12% tax. Include the total amount of the purchase and what your change will be from \$20.