Section A: Operations with Fractions: Remember to simply your fraction!

a) $\frac{3}{4} + \frac{2}{3}$

e) $\frac{2}{5} \times \left(\frac{-4}{7}\right)$

b) $\frac{2}{5} + \left(\frac{-2}{3}\right)$

f) $4\frac{1}{4} \times \left(-2\frac{1}{2}\right)$

c) $3\frac{2}{3} - \frac{1}{8}$

g) $\frac{-7}{6} \div \frac{3}{8}$

d) $\frac{5}{6} - \left(-\frac{3}{4}\right)$

h) $4\frac{1}{3} \div 2\frac{2}{7}$

Section B: Order of operations: Use order of operation to evaluate the following expressions.

$(5 + 3 - 2^2) \times 4 - 1$

$3 + \left((6 \div 3) + 2\right) - 2 \times 5$

$\left(\frac{1}{3} + \frac{5}{6}\right) \div \frac{-3}{7}$

$\frac{1}{3} - \frac{1}{4} \times \frac{4}{5}$

$\left(3\frac{1}{2} - 2\frac{1}{4}\right) \times 4\frac{1}{3}$

Section C: Word Problems:

1. Mrs. B had 8 chocolate bars in her shopping cart, but decided to put half back (because, really… she doesn't need 8 chocolate bars!). Each bar cost $0.50. How much did she spend?

2. Kaydence and Brooklyn wanted to sell cookies to raise money for Terry Fox. They made 12 but ate ¼ of them. How many are left to sell?

3. To convert the temperature from Celsius to Fahrenheit, we use the following formula: $F = C \times \frac{9}{5} + 32$. If the temperature is 5°C, what is the temperature in Fahrenheit?

4. When making Johnny's favourite dessert, the recipe calls for $\frac{1}{3}$ cup of chocolate chips and $\frac{1}{4}$ cup of caramel chips. How much chips are needed in total?

5. There are 35 classrooms at OHS that need new blinds for the windows. The average cost of replacing the blinds in one room is $258.95.
    a. How much will it cost to replace the blinds in all 35 rooms?

    b. If Mr. Holder has a budget of $10 000.00. How much money will be left in the budget after all the blinds are replaced?

Answers:
Section A: a) 17/12 b) -4/15 c) 85/24 d) 19/12 e) -8/35 f) -85/8 g) -28/9 h) 91/48
Section B: a) 15 b) -3 c) -49/18 d) 2/15 e) 65/12
Section C: 1) $2.00 2) 9 bars 3) 41˚F 4) 7/12 5a)$9063.25 5b) $936.75