

***Can I Take Your Order?*****Part A**

Evaluate each expression using the order of operations.

Then, check your answers with a partner.

a)  $5^2 + (1.2 - 3.8) \times \left(-\frac{1}{5}\right)$

b)  $14 - (-14) + \frac{42}{10} \times (-6 + 6)^2 \div 6^2$

c)  $-8^2 - (9.75 - \frac{13}{10}) + 0.98 \times 17$

d)  $9.32 - (-5.2) \times \left(\frac{1}{2} + 3\frac{1}{2}\right)^2 - 7.5 \div \left(-\frac{3}{2}\right)$

***Can I Take Your Order?*** (cont'd)**Part B**

Write an expression that you could use to solve each problem.

Evaluate the expression to solve the problem.

- a) Molly won \$2562.30 in a draw. They spent \$1273.13 of the winnings on car maintenance and \$100.15 to fill up with gas.

Molly then decided to donate  $\frac{1}{5}$  of the remaining money to a local charity.

How much money did Molly have left after the donation?

- b) David went shopping and made two separate purchases. At the bookstore, David purchased 5 books for \$15.94 each. At the grocery store, they purchased  $1\frac{1}{2}$  pounds of peaches at \$3.50 per pound.

On the way home, David stopped for lunch and spent \$25.68.

How much money did David spend altogether?

- c) Taylor wants to install new flooring in a 20-m by 20-m office and in a 16-m by 10-m workshop. The installer charges a \$250 setup fee, plus an additional \$12.25 per square metre of flooring installed. The installer paid \$125.74 for a new tool that was needed to complete the job. How much money will the installer make after paying for the tool?