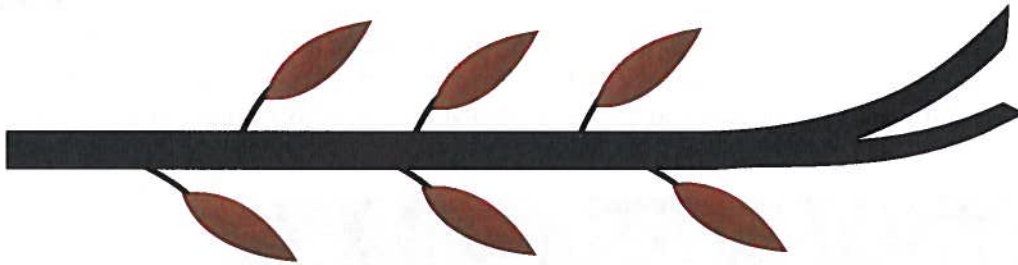


Client Booklet: Numeracy Level 1



Candidate's Name: _____

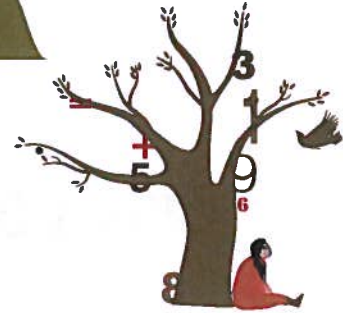
Date of Assessment: _____

Assessment Location: _____

Assessor's Name: _____

Introduction

Numeracy is the ability to use and understand numbers. Numeracy skills are important to be able to manage money and carry out transactions such as paying for a purchase or paying your bills. Numeracy skills are also used to measure and estimate, such as ingredients in a recipe or the size of a room.



You are about to complete a needs assessment for **Numeracy, Level 1**. This is **not** a test – it is an opportunity to help identify your numeracy skills strengths and areas you may want to consider improving. This information will help you to make decisions about job skills training and job searches.

Instructions

1. You will have an assessor present with you (i.e. an employment or career counsellor) while you complete the needs assessment. **Feel free to ask your assessor questions at any time.**
2. Each assessment question in this booklet describes or is drawn from a typical workplace task that shows how numeracy skills are used in different jobs in Canada.
3. The questions will be a combination of multiple-choice format and open-answer format:
 - For multiple-choice questions, you will be asked to choose one answer from the options provided. You can circle the letter that corresponds to the answer you choose or you can circle the answer itself.
 - For open-answer questions, you will be asked to write your answer in the space provided.
4. Space is provided in each question to write down notes as you work out your answers.
5. Please complete the numeracy questions without a calculator.
6. If you have difficulty answering a question, you can move on to the next task and return to it later.
7. Take your time to complete the questions – there is no set time limit.
8. You can take a break at any point during the assessment. You can also choose to stop the assessment and have the option to re-schedule for another time.
9. Once you have completed all the questions, or as many questions as you can, your assessor will review them with you.




Here is a sample question to help familiarize you with the assessment format:

A snack bar worker is selling frozen treats. A customer buys one popsicle for \$1.00 and one ice cream cone for \$2.50. What is the customer's total bill?

Answer: \$3.50

Popsicle *Ice Cream*

\$1.00 + \$2.50 = (3.50)

$$\begin{array}{r} 2.50 \\ + 1.00 \\ \hline 3.50 \end{array}$$


Question 1:

A cashier at a jewellery store is processing a purchase for a bracelet. If the total cost for the bracelet is \$4.25 and the customer is paying with a \$10 dollar bill, how much change should the customer receive?

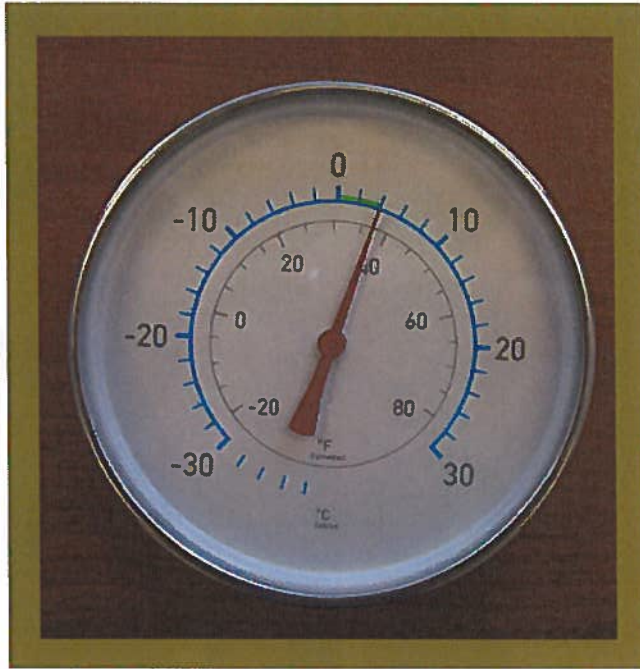
Answer:



Question 2:

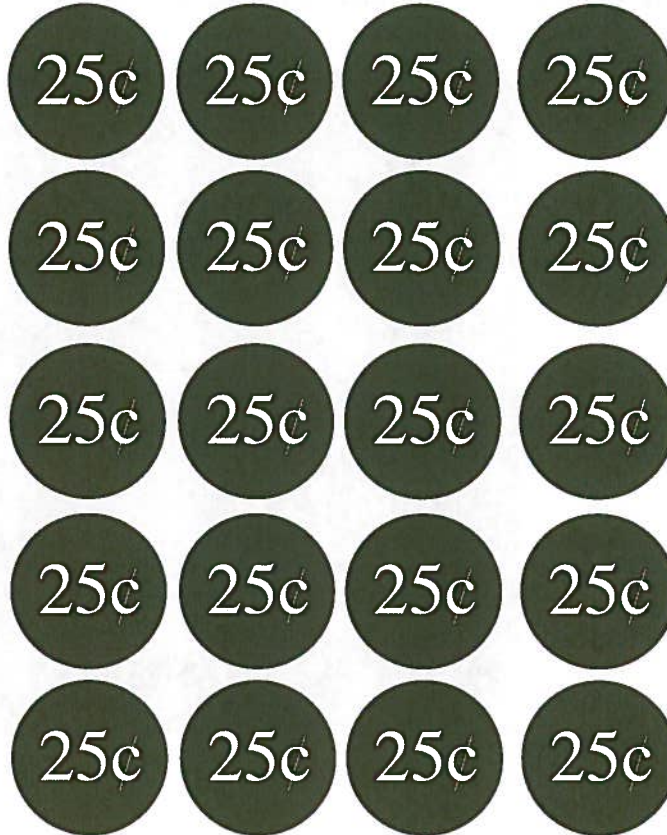
A boilermaker monitors pressure gauges to ensure they are within a normal range. The normal operating range for water pressure is 25 to 35 psi (pounds per square inch). If the water pressure gauge reads 39 psi, by how much must it be reduced so that the psi reading is back within the normal range (35 psi)?

Answer: psi



Question 3:

A server is counting the amount in tips received during the day's shift. If the server counts a total of 20 quarters, how much money would that be in dollars?



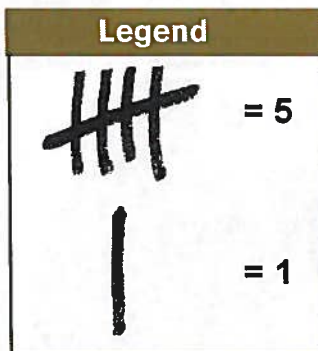
Answer:

Question 4:

A radio operator for a bus company calculates the total number of calls made each week for tow trucks. The operator uses ticks (or lines) to record the number of calls made in the weekly call log.



According to the call log above, what was the total number of calls made? Use the legend below to help you calculate the total.



Answer: calls

Question 5:

A printing machine operator needs to reduce the size of a picture before printing copies. The original size of the picture is 5 inches wide by 7 inches long. If the customer would like to make the picture 1 inch shorter in length and width, what will the new measurements be?



Answer: inches wide by inches long

Question 6:

A plumber asks his helper to order a piece of pipe for a sink installation. Before he orders the part, the helper calls four different stores to find the lowest price.

Sam's Hardware:	\$3.29
Save-a-lot:	\$2.99
PlumberMart:	\$4.70
Pipetastic:	\$3.10

Based on the prices listed above, which store offers the lowest price for the piece of pipe?
Circle the correct answer.

- A. Sam's Hardware**
- B. Save-a-lot**
- C. PlumberMart**
- D. Pipetastic**

Question 7:

A hotel front desk clerk is taking a room reservation over the telephone. The clerk refers to a daily vacancy report to see which rooms are available. Based on the report below, which room is not available? Circle the correct answer.

Room Vacancy Report, June 12

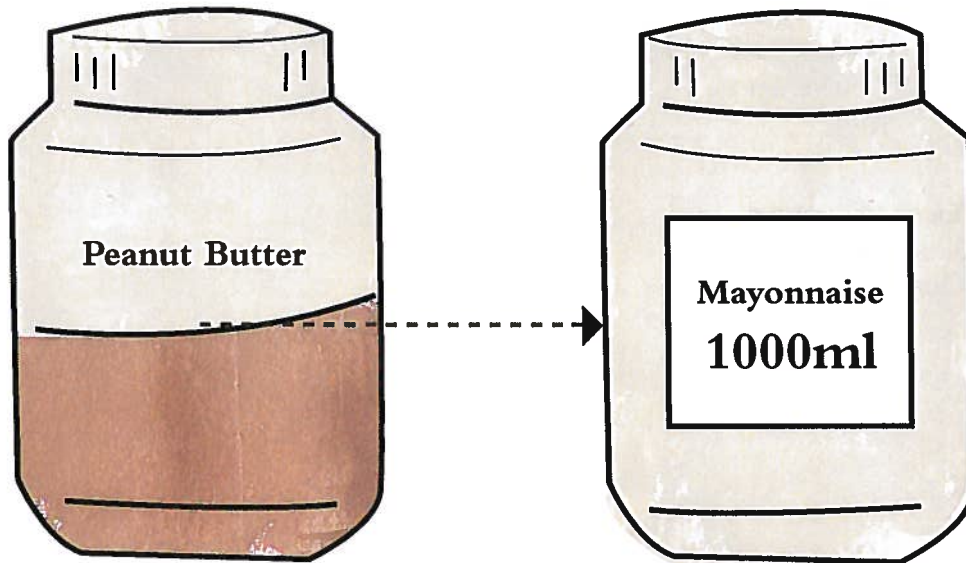
Room Type	Number
Available:	
Single Queen with patio	1
Single Queen with lake view	3
Double Queen	0
King	2

- A. Single Queen with patio
- B. Single Queen with lake view
- C. Double Queen
- D. King

Question 8:

A kitchen helper is checking the jars in a storage room to make sure that there is enough peanut butter for a recipe. The helper notices that the peanut butter jar is missing its label and must estimate how much is left. The helper uses a similar sized jar of mayonnaise to help estimate how much peanut butter is left.

Based on the picture below, how many millilitres (ml) should the helper estimate are left in the peanut butter jar? Circle the correct answer.



- A. approximately 225 ml
- B. approximately 500 ml
- C. approximately 900 ml
- D. approximately 1000ml

Question 9:

A construction worker needs to prepare a concrete mixture using the following ratio of cement and sand:

Standard Concrete Mixture Ratio

1 part cement

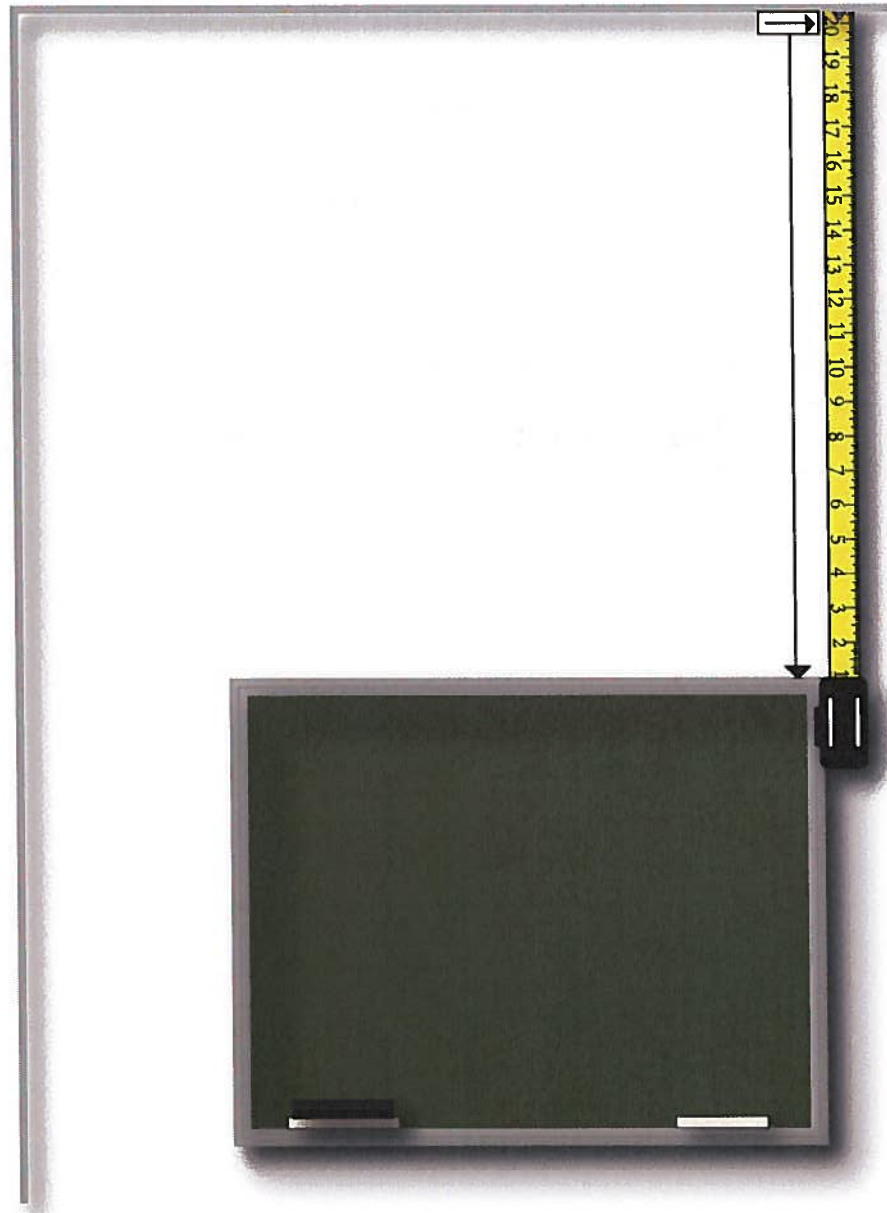
3 parts sand

If the worker needs to double the amount of concrete, what will the new ratio be?

Answer: parts cement and parts sand

Question 10:

A painter needs to measure the height of a chalkboard before removing it to paint the wall. The painter must measure the distance from the ceiling to the top of the blackboard so that it can be re-hung at the same height after the paint is dry. Based on the picture below, what is the distance in inches between the ceiling and the top of the chalkboard?



Answer: inches

Notes:

