Task Title: CAAT Test Basic Operations

OALCF Cover Sheet – Practitioner Copy

Learner Name: _____

Date Started (m/d/yyyy): _____

Date Completed (m/d/yyyy): _____

Successful Completion: Yes   No ☐

Goal Path: Employment   Apprenticeship

Secondary School   Post Secondary ☐   Independence

Task Description: Learners are required to complete a multiple choice test.

Competency: A: Find and Use Information,
C: Understand and Use Numbers

Task Groups: A1: Read continuous text
C3: Use Measures
C4: Manage Data

Level Indicators:
- A1.1: Read brief texts to locate specific details
- C3.1: Measure and make simple comparisons and calculations
- C3.2: Use measures to make one-step calculations
- C4.1: Make simple comparisons and calculations

Performance Descriptors: See chart on last page
Materials Required:
- Paper and Pen
- Calculator
- Multiple Choice Question Work Sheet (attached)
- Optional - Separate Answer Sheet (can be downloaded-see link)

Learner Information

The learner is required to complete a multiple choice test that focuses on numeracy skills.

In order to get into a Post-Secondary diploma course, learners must have an ACE certificate, GED certificate, or high school diploma.   All of these tests have multiple choice questions. Being able to read and answer multiple choice tests requires good test-taking skills.

Task 1: Read the questions below.

Task 2: Calculate the answer for each question.

Task 3: Choose the correct answer for each question from the choices provided .

Work Sheet

1. **The number 8,753,869 is written this way:**

   a) Eight million seventy five thousand sixty nine

   b) Eight hundred thousand seven hundred fifty three eight hundred sixty nine

   c) Eight million seven hundred fifty three thousand eight hundred sixty nine

   d) Eight million seven fifty three hundred eight sixty nine

2. 8^3 means

a) 8 x 3

b) 3x3x3x3x3x3x3x3

c) 24

d) 8 x 8 x 8

3. \$7.58 + .86 + \$920 =

a) \$17.64

b) \$928.44

c) \$25.38

d) \$253.80

4. 8.6 x 0.03 =

a) 25.8

b) 258

c) 2.58

d) .258

5. 106.58 − 8.439 =

a) 98.141

b) 22.19

c) 862.68

d) 2.219

6. 22.68 ÷ 36 =

    a) 63

    b) 6.3

    c) .63

    d) Not given

7. 24,001 - 899 =

    a) 65,901

    b) 24,101

    c) 23,202

    d) 23,102

8. 825 x 430 =

    a) 4,975

    b) 354,750

    c) 825,430

    d) Not given

8. $5 \times 4^3/_4 =$

    a) 23 3/4

    b) 20 3/4

    c) 19/20

    d) 95/20

10. $^{11}/_{12} - \frac{1}{2} =$

    a) $11/_7$

    b) $10/_{16}$

    c) $10/_{10}$

    d) $5/_{12}$

9. $^5/_8 + ^8/_7 =$

    a) $5/_7$

    b) $1 \ ^{43}/_{56}$

    c) $4/_5$

    d) Not given

12. $^8/_7 \div ^3/_4 =$

    a) $6/_7$

    b) $1 \ ^{11}/_{21}$

    c) $5/_3$

    d) not given

13. What is 16% of $300?

    a) $9,600

    b) $30

    c) $48

    d)$252

14. $3 + \dfrac{(25 - 5)}{5} \times 4 = z$

What is z?

a) 28

b) 19

c) 92

d) 18.4

15. $3 \times (-8) =$

a) 24

b) -24

c) -11

d) -5

16. Solve for x: $2x - 6 = 4$

a) 5

b) 4

c) 6

d) 10

PROBLEM SOLVING

17. Minnie bought a computer for $860. She will pay $48 a month for two years. How much in total will she pay for the computer?

a) $860

c) $960

b) $576

d) $1,152

18. Jovan makes $8.65 an hour. How much are weekly earnings if he works 38.5 hours a week?

a) $333

c) $333.03

b) $346

d) Not given

19. **The regular price of a sofa is $925.00 Now it is on sale for 30% off. What will the sale price of the sofa be?**

  a) $1,202.50   c) $647.50

  b) $277.50   d) $925

20. **John took his friends out for dinner. The bill came to $140. He wants to give the waiter a 15% tip. How much should the tip be?**

  a) $20   c) $2.10

  b) $14   d) $21

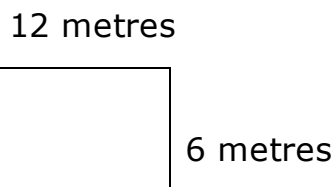21. **Bill makes $2300 a month. He spends $400 a month on food, $900 a month on rent, and $98 a month on bus fare, $200 a month on heat and hydro and $200 a month on clothing.**

 What percent of his monthly income does he spend on rent?

  a) $900   c) .39%

  b) 39%   d) 61%

22. **The Jones family wants to put a fence around their property. Their property is 12 by 6 metres. How many metres of fencing will they need?**

  a) 36 metres   12 metres

  b) 72 metres

  c) 18 metres   6 metres

  d) 5,184 metres

Answers

1) **c**	2) **d**
3) **b**	4) **d**
5) **a**	6) **c**
7) **d**	8) **b**
9) **a**	10) **d**
11) **b**	12) **b**
13) **c**	14) **b**
15) **b**	16) **a**
17) **d**	18) **c**
19) **c**	20) **d**
21) **b**	22) **a**

Performance Descriptors

Levels	Performance Descriptors	Needs Work	Completes task with support from practitioner	Completes task independently
A1.1	Reads short texts to locate a single piece of information			
C3.1	Adds and subtracts whole number measurements			
C3.1	Recognizes values in number and word format			
C3.1	Chooses appropriate units of measurement (e.g. centimeters, metres, kilometers)			
C3.1	Uses common standard units (e.g. metres, inches) and non-standard units (e.g. paces, cupfuls, spoonfuls)			
C3.1	Identifies and performs required operation			
C3.1	Interprets and represents measures using whole numbers, decimals, and simple common fractions			
C3.1	Interprets and represents measures using symbols and abbreviations (e.g. inches as ", centimeters as cm, pounds as lbs, kilograms as kilos or kg)			
C3.1	Follows apparent steps to reach solutions			
C3.1	Uses strategies to check accuracy			

Levels	Performance Descriptors	Needs Work	Completes task with support from practitioner	Completes task independently
C3.2	Calculates using numbers expressed as whole numbers, fractions, decimals, percentages, and integers			
C3.2	Chooses and performs required operation(s) may make inferences to identify required operation(s)			
C3.2	Selects appropriate steps to solutions			
C3.2	Uses strategies to check accuracy (e.g. estimating, using a calculator, repeating a calculation, using the reverse operation)			
C4.1	Adds and subtracts whole number measurements			
C4.1	Recognizes values in number and word format			
C4.1	Identifies and performs required operation			
C4.1	Understands numerical order			
C4.1	Begins to interpret integers			
C4.1	Makes simple estimates			
C4.1	Interprets and represents values using whole numbers, decimals, and simple common fractions			
C4.1	Follows apparent steps to reach solutions			
C4.1	Uses strategies to check accuracy			

This task:

Was successfully completed ☐   Needs to be tried again ☐

Learner Comments:

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Instructor Name:

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