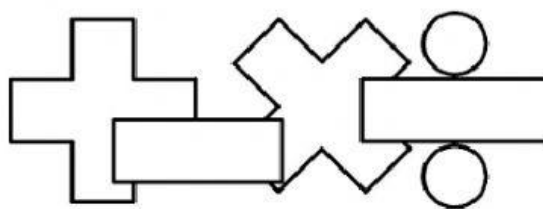


# **CLEVELAND ENEAS PRIMARY SCHOOL**

CHRISTMAS TERM EXAMINATION 2020

## **MATHEMATICS - CONCEPTS**

### **Grade 6**



Student Name

Sex

Date of Birth

Test Date

Teacher

School

#### **FOR EXAMINER'S USE ONLY**

MATHEMATICAL CONCEPTS

\_\_\_\_\_/20 - \_\_\_\_%

**MATHEMATICAL CONCEPTS**  
**INSTRUCTIONS FOR STUDENTS**

You have **30 minutes** to complete this test.

Look at the instructions and read them to yourself as I read them aloud.

**Instructions:**

1. Read **ALL** questions carefully and follow the instructions.
2. Answer **ALL** questions.
3. Show **ALL** necessary working.
4. Write **ALL** answers clearly.
5. Work through the booklet until you arrive at the **STOP** page.
6. Do not spend too much time on any one question.
7. **CHECK** all answers thoroughly.

You may begin working now.

**CONCEPTS OF NUMBERS  
(20 MARKS)**

**ROUGH WORK**

1. Use the number below to answer questions 1 (a) and 1 (b).

**175 398 462**

(a) Write the digit that is in the **thousand's** place.

**Ans.:** \_\_\_\_\_ [ 1 ]

(b) Write the digit that is in the **millions'** place.

**Ans.:** \_\_\_\_\_ [ 1 ]

2. Write the **VALUE** of the **5** in the following numbers.

(a) 584 217 \_\_\_\_\_ [ 1 ]

(b) 257 943 618 \_\_\_\_\_ [ 1 ]

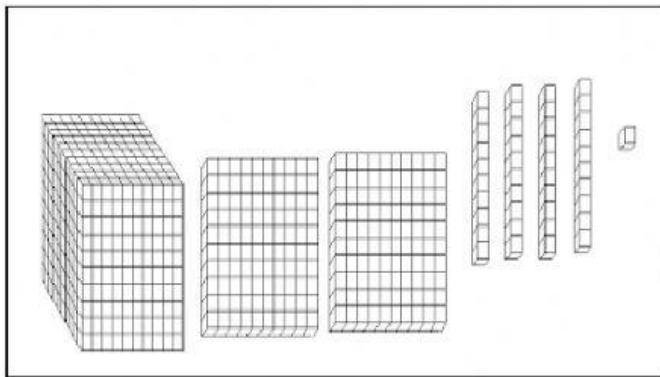
3. Write the number **203 610** in **expanded form**.

**Ans.:** \_\_\_\_\_  
\_\_\_\_\_ [ 1 ]

4. Write **ninety- four million, twelve thousand, eight hundred twenty-five** in short word form.

**Ans.:** \_\_\_\_\_  
\_\_\_\_\_ [ 2 ]

5. Write the number that is represented by the model in standard form.



Ans.: \_\_\_\_\_ [ 1 ]

6. Use the symbols (  $>$ ,  $<$ ,  $=$  ) to compare each set of numbers.

(a)  $192\ 351$  \_\_\_\_\_  $192\ 315$  [ 1 ]

(b)  $48\ 219\ 305$  \_\_\_\_\_  $48\ 291\ 305$  [ 1 ]

7. Use the number below to answer questions 7 (a) and 7(b).

**15 652**

- 7(a) increase it by 1000. Write the new number.

Ans.: \_\_\_\_\_ [ 1 ]

- 7(b) decrease it by 500. Write the new number. [1]

**ROUGH WORK**

8. Arrange the following set of numbers in **ascending** order.

**193 524; 199 898; 193 872; 199 524**

Ans.: \_\_\_\_\_

\_\_\_\_\_ [ 2 ]

9. Arrange the digits to create the greatest possible **ODD** number.

5	7	2	6
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Ans.: \_\_\_\_\_ [ 2 ]

10. **Complete the sentence.**

In a division equation, the answer is called the

\_\_\_\_\_. [ 1 ]

11. Identify from the number sentence 

$24 \times 43 = 1\,032$
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(a) the multiplicand \_\_\_\_\_ [ 1 ]

(b) the product \_\_\_\_\_ [ 1 ]

(c) the multiplier \_\_\_\_\_ [ 1 ]

\_\_\_\_\_