

**DEPARTMENT OF EDUCATION
SUMMATIVE TEST IN MATHEMATICS 4**

Name: _____

Score: _____

Grade & Section: _____

Date: _____

TABLE OF SPECIFICATIONS (TOS)

Learning Competencies	Easy (60%) Remember / Understand	Average (30%) Apply / Analyze	Difficult (10%) Evaluate / Create	No. of Items	Item Placement
1. Find the perimeter of quadrilaterals that are not squares or rectangles.	2 (Items 1-2)	1 (Item 3)	0	3	1-3
2. Find the perimeter of composite figures composed of triangles and quadrilaterals.	2 (Items 4-5)	1 (Item 6)	0	3	4-6
3. Read and write numbers up to 1,000,000 in numerals and in words.	2 (Items 7-8)	1 (Item 9)	0	3	7-9
4. Determine the place value, value, and digit of a 6-digit number.	2 (Items 10-11)	1 (Item 12)	0	3	10-12
5. Compare numbers up to 1,000,000 using =, < and >.	2 (Items 13-14)	0	0	2	13-14

6. Round numbers to the nearest hundred thousand.	1 (Item 15)	1 (Item 16)	1 (Item 17)	3	15-17
7. Estimate the sum and difference of two 5- to 6-digit numbers.	1 (Item 18)	1 (Item 19)	1 (Item 20)	3	18-20
TOTAL	12 (60%)	6 (30%)	2 (10%)	20	1-20

MATHEMATICS 4 SUMMATIVE TEST

Directions: Read each question carefully. Choose the letter of the correct answer and write it on the space before the number.

- ___ 1. How do you find the perimeter of a polygon like a trapezoid?
- A. Multiply all its sides
 - B. Add the lengths of all its outer sides
 - C. Subtract the short sides from the long sides
 - D. Count the number of its corners
- ___ 2. A trapezoid has sides measuring 5 cm, 7 cm, 8 cm, and 10 cm. What is its perimeter?
- A. 20 cm
 - B. 25 cm
 - C. 30 cm
 - D. 35 cm
- ___ 3. A rhombus has a perimeter of 40 cm. Since all its sides are equal in length, what is the length of one side?
- A. 5 cm
 - B. 10 cm
 - C. 20 cm
 - D. 40 cm
- ___ 4. What do you call a figure that is made up of two or more shapes?
- A. Simple figure
 - B. Broken figure
 - C. Composite figure
 - D. Invisible figure

___ 5. A composite figure has an outer boundary with side lengths of 5 m, 4 m, 6 m, 2 m, and 3 m. What is its total perimeter?

- A. 18 m
- B. 19 m
- C. 20 m
- D. 21 m

___ 6. A small park is shaped like a composite figure made of a square attached to a triangle. The outer boundary sides of the park measure 12m, 12m, 12m, 10m, and 10m. What is the park's perimeter?

- A. 46 m
- B. 56 m
- C. 60 m
- D. 66 m

___ 7. How do you write 'Four hundred fifty thousand, two hundred ten' in numerals?

- A. 450,210
- B. 450,010
- C. 405,210
- D. 452,100

___ 8. What is the number word for 805,016?

- A. Eight hundred five thousand, sixteen
- B. Eight hundred fifty thousand, sixteen
- C. Eight hundred five thousand, one hundred six
- D. Eight million, five thousand, sixteen

___ 9. Which of the following numbers is read as 'Nine hundred thousand, nine'?

- A. 900,900
- B. 909,009
- C. 900,009
- D. 90,009

___ 10. What is the place value of the digit 7 in the number 572,134?

- A. Thousands
- B. Ten thousands
- C. Hundred thousands
- D. Hundreds

___ 11. What is the value of the digit 4 in 648,200?

- A. 400
- B. 4,000
- C. 40,000
- D. 400,000

___ 12. In the number 839,415, which digit is in the hundred thousands place?

- A. 8
- B. 3
- C. 9
- D. 4

___ 13. Which symbol makes the sentence correct? $543,120$ ___ $543,210$

- A. $>$
- B. $<$
- C. $=$
- D. $+$

___ 14. Which of the following numbers is the greatest?

- A. 789,012
- B. 798,012
- C. 789,102
- D. 798,120

___ 15. What is 345,678 rounded to the nearest hundred thousand?

- A. 300,000
- B. 340,000
- C. 350,000
- D. 400,000

___ 16. If you round 862,104 to the nearest hundred thousand, what is the result?

- A. 800,000
- B. 860,000
- C. 900,000
- D. 1,000,000

___ 17. (Difficult) I am a 6-digit number. When you round me to the nearest hundred thousand, my value becomes 500,000. Which of the following could be my original value?

- A. 439,999
- B. 560,000
- C. 482,150
- D. 599,999

___ 18. Estimate the sum of 123,450 and 289,100 by rounding each number to the nearest hundred thousand first.

- A. 300,000
- B. 400,000
- C. 500,000
- D. 600,000

___ 19. Estimate the difference between 875,000 and 312,000 by rounding each to the nearest hundred thousand.

- A. 500,000

- B. 600,000
- C. 700,000
- D. 800,000

___ 20. (Difficult) A factory produced 485,210 toys in January and 314,990 toys in February. About how many more toys were produced in January than in February if you estimate using the nearest hundred thousands?

- A. 100,000
- B. 200,000
- C. 300,000
- D. 400,000

ANSWER KEY

1. B, 2. C, 3. B, 4. C, 5. C, 6. B, 7. A, 8. A, 9. C, 10. B, 11. C, 12. A, 13. B, 14. D, 15. A, 16. C, 17. C, 18. B, 19. B, 20. B