



EBHS KIKHANZA HOMESCHOOLING BOGOR

"More Knowledgeable, Creative, and Independent"

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Name : _____ Grade : _____

Subject : _____ Teacher : _____

Mid-Term EXAM – Odd SEMESTER MATHS ACADEMIC YEAR 2024/2025 September, 2024

I. Circle the correct answer!

- What is the sum of 10 298 and 48 119?
(A) 58 489 (B) 58 408
(C) 58 417 (D) 37 821
- Which of the following does **not** have a value smaller than -2 ?
(A) $-19 + 6$ (B) $-30 - 2$
(C) $25 - 26$ (D) $95 - 108$
- Which of the following numbers is **not** divisible by 4?
(A) 1224 (B) 9004
(C) 328 (D) 558
- Find the value of $10 + 8 \times 34 - 2$.
(A) 610 (B) 280
(C) 544 (D) 266
- A newspaper company prints 588 newspapers every hour. How many newspapers will the company produce in one day?
(A) 7056 (B) 14 112
(C) 14 121 (D) 28 224
- What is the value of the digit 7 in the number 781 180?
(A) 7000 (B) 700 000
(C) 700 (D) 70 000
- Arrange these numbers in increasing order.
989,989, 988,999, 998,888, 999,988
(A) 989,989, 998,888, 988,999, 999,988
(B) 988,999, 989,989, 998,888, 999,988
(C) 999,988, 988,999, 989,989, 998,888
(D) 989,989, 988,999, 999,988, 998,888

8. Round 475 490 to the nearest ten thousand.
 (A) 480 000 (B) 470 000
 (C) 500 000 (D) 475 000
9. Which of the following is **not** a linear pattern?
 (A) 7, -2, -11, -20, -29, -38
 (B) 1, 4, 9, 16, 25, 36
 (C) 110 100, 111 100, 112 100, 113 100, 114 100
 (D) 25, 32, 39, 46, 53, 60
10. Which of the following is a prime number?
 (A) 39 (B) 67
 (C) 42 (D) 63

II. Tick the true statements!

11. Tick (✓) the statements that are true.

A prime number is always an odd number.	☐
6, 9 and 10 are composite numbers.	☐
301 371 in words is three hundred and one thousand, three seventy-one.	☐
Triangular numbers always form a linear sequence.	☐
The 98 th term in the following sequence is even. 705, 700, 695, 690, 685, ...	☐
The value of the digit 2 in 923 771 is 20 000.	☐
The number 19 has only one factor.	☐
210 012 > 210 102	☐
1 is not a prime number.	☐

III. Follow the instructions below

12. (a) Fran forms a sequence. In the space below, draw stars to complete the 3rd term.

			
1 st Term	2 nd Term	3 rd Term	4 th Term

- (b) What is the term-to-term rule of the sequence in (a)?

- (c) From the 1st to the 10th term, which term is a square number?

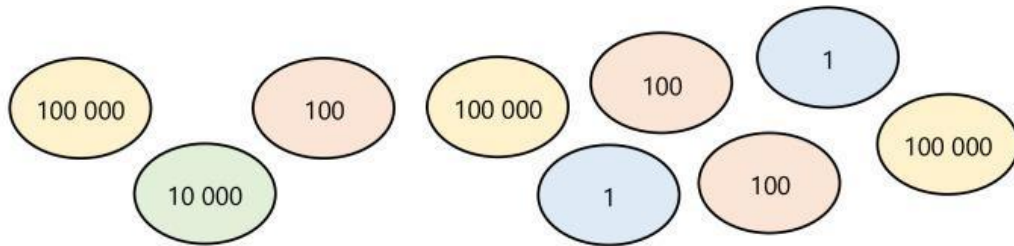
- (d) Fran forms another sequence.

			
1 st Term	2 nd Term	3 rd Term	4 th Term

Complete the table below to describe the sequence.

Term	4	5	6	7	8
Number of stars					

13. Count the number discs to form the number.



Numeral: _____

Number word: _____

14. Compare and arrange the numbers in order.

618, 740 710, 120 832, 747 710, 120 833, 618 189

_____ > _____ > _____ > _____ > _____ > _____

15. Joseph forms the following sequence.

43, 51, 59, 67, 75, ...

(a) What is the term-to-term rule of Joseph's sequence?

(b) Find the 6th, 7th and 45th terms of the sequence. Show your working.

6th term: _____

7th term: _____

45th term: _____

(c) Joseph writes another sequence.

-43, -35, -27, -19, ...

(i) Write down the next four terms of this sequence.

(ii) How are the sequences in (a) and (c) similar?
