# 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 2025/2026**
**September, 2025**

## I. Circle the right answer!

1. What is the value of the digit 6 in the number 6 001 927?

   (A) 600 000 (B) 6 000 000

   (C) 60 000 (D) 6

2. Which two numbers do not have any common factors other than 1?

   (A) 2 and 3 (B) 2 and 4

   (C) 3 and 6 (D) 4 and 8

3. Which of the following numbers is the smallest?

   (A) –8571 (B) 8571

   (C) 8572 (D) –8572

4. Drew walks along a long road and passes a fire hydrant every 3 m and a lamp post every 5 m. How far would he have walked when he first passes by both a lamp post and a fire hydrant at the same time?

   (A) 30 m (B) 10 m

   (C) 12 m (D) 15 m

## II. Follow the instructions below!

5. Look at the sequence below.

| **Position** | 1 | 2 | 3 | ... | 20 |
|---|---|---|---|---|---|
| **Number** | 15 | 29 | 43 | ... | 281 |

To find any term in this sequence, we _____.

(A) multiply the position number by 14

(B) multiply the position number by 13, then add 1

(C) multiply the position number by 13

(D) multiply the position number by 14, then add 1

LIVEWORKSHEETS

6. Which of the following patterns consists of only cube numbers?

(A) 1, 4, 9, 16, 25, 36

(B) 125, 64, 27, 8, 1

(C) 125, 121, 117, 113, 109

(D) 3, 11, 30, 67, 128

7. Decompose each number into its place values. Then, write the number in words.

(a) 4 000 010

| Millions | Hundred thousands | Ten thousands | Thousands | Hundreds | Tens | Ones |
|---|---|---|---|---|---|---|
| | | | | | | |

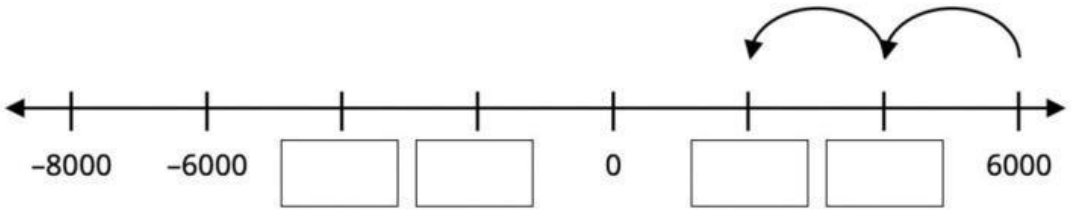
Number word: _____

(b) 9 810 004

| Millions | Hundred thousands | Ten thousands | Thousands | Hundreds | Tens | Ones |
|---|---|---|---|---|---|---|
| | | | | | | |

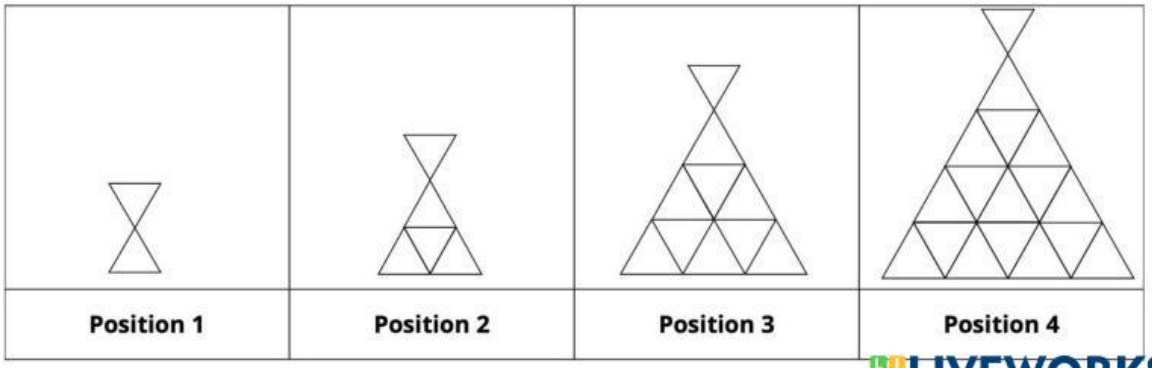
Number word: _____

8. The number line shows a sequence that counts back in constant steps.




Fill in the missing numbers to complete the number line.

9. The sequence below is made up of different number of triangles in each term.




LIVEWORKSHEETS

(a) Draw what the diagram in Position 7 looks like.

(b) What is the position-to-term rule for this number sequence?

Rule:

_____

(c) Find the total number of triangles in position 15.

Show your working.

_____

10. Mr. Han deposits some money into his bank account each week.

On week 1, he deposits ten $2 notes into his account.

On week 2, he deposits twenty-five $2 notes into the account.

On week 3, he deposits forty $2 notes into the account.

He continues depositing $2 notes into his bank account in the same pattern.

(a) How many $2 notes would Mr. Han deposit on week 5? Show your working clearly.

_____

(b) How much money would Mr. Han deposit in his account on week 12?

Show your working clearly.

_____

LIVEWORKSHEETS