

POOJA MODEL SCHOOL
SESSION –2026-27*
MATHEMATICS
Mid-term Practice Worksheet
CLASS - VI

Time: 2 Hours | M.M: 60

SECTION –A

Q1. Multiple Choice Questions ($13 \times 1 = 13$)

- i) HCF of 54 and 72 is:
a) 9 b) 18 c) 27 d) 6
- ii) Number of primes between 50 to 60:
a) 1 b) 2 c) 3 d) 0
- iii) True statement:
a) 1 is prime b) 2 is the only even prime c) All primes are odd d) 21 is prime
- iv) In 1 to 500, how many times does digit '7' appear:
a) 100 b) 95 c) 105 d) 90
- v) Smallest 5-digit palindrome:
a) 10001 b) 11111 c) 12321 d) 20002
- vi) Only even prime number is :
a) 3 b) 2 c) 0 d) 1
- vii) Which number is neither prime nor composite:-
a) 18 b) 1 c) 0 d) 9
- viii) Angle between hands at 9 o'clock:
a) 90° b) 180° c) 270° d) 60°
- ix) How many lines can pass through 2 distinct points:
a) 1 b) 2 c) infinite d) 0
- x) Number of lines that can pass through 1 point:
a) infinite b) 1 c) 2 d) 4
- xi) 17 is:
a) Prime b) Composite c) Neither d) Both
- xii) 27 is:
a) Prime b) Composite c) Even d) None

SECTION –B ($6 \times 2 = 12$)

- 2. Classify as Prime or Composite:-
23, 35, 47, 51, 61
- 3. i) What is the smallest number with digit sum 14?
ii) What is the largest 4-digit number with digit sum 14?
- 4. Write two pairs of twin prime numbers.

5. Is 344 divisible by 36?

Section -C

Solve the following:- (3×5=15)

Numbers Factors Prime / Composite

18

29

8. Using Protractor:

Draw the following angles:

a) 55° b) 100° c) 175°

9. The following bar graph shows books sold by a shop in 5 days.

Mon: 20

Tue: 30

Wed: 40

Thu: 25

Fri: 50

i) On which day were maximum books sold?

ii) How many more books were sold on Fri than Mon?

iii) Find total books sold in 5 days.

10. Classify: From 1 to 20 write:

i) 5 Prime numbers ii) 5 Composite numbers iii) 1 number which is neither prime nor composite

11. Is 43 and 53 are co prime ? Show by Prime factorisation.

SECTION –D

Solve the following:- (3×5 = 15)

11. i) Find the largest and smallest 3-digit number divisible by 9 that is a palindrome.

ii) Check divisibility by 2,3,4,5,6,8,9 for: 7236

13. i) Make angles with the help of protractor : 30°, 60°, 90°, 120°, 135°, 150°, 180°

14. Make a Frequency Distribution Table for the data given below :-

Data: 7, 5, 8, 6, 7, 9, 5, 8, 6, 7, 10, 5, 6, 8, 7, 9, 6, 5, 8, 7, 6, 9, 5, 8, 7

Section -E

Case study (1×5=5)

15. There were 5 houses with the house numbers 343, 433, 513, 999, 567

i) Which of the house numbers are supercell

ii) what numbers are palindromics.

iii) write other 5 examples of palindromic numbers.