📄 GRADE 5, 6 & 7 WORKSHEET

Topic: PRIME NUMBERS

Name:_____

A. Multiple Choice Questions

1. Which of the following is a prime number?

   A. 21   B. 39   C. 41   D. 51

2. Which of these is **not** a prime number?

   A. 19   B. 23   C. 29   D. 33

3. How many prime numbers are between **1 and 20**?

   A. 6   B. 7   C. 8   D. 9

4. Which of the following is the **smallest prime number**?

   A. 0   B. 1   C. 2   D. 3

5. Which of the following numbers has exactly **two factors**?

   A. 17   B. 9   C. 21   D. 27

6. Which of the following is a twin prime pair?

   A. 5 and 9   B. 11 and 13   C. 17 and 21   D. 23 and 29

7. Which of the following is **not** a pair of prime numbers?

   A. 2 and 3   B. 11 and 19   C. 17 and 23   D. 15 and 17

8. The number **37** is:

   A. Composite   B. Prime   C. Even   D. Not sure

9. Which of these numbers is a composite number?

    A. 13   B. 31   C. 33   D. 47

10. Which of the following is the prime number after 43?

    A. 45   B. 47   C. 49   D. 51

B. Fill in the Blanks

11. A prime number has exactly _____ factors.

12. The only even prime number is _____.

13. Prime numbers start from _____.

14. The opposite of a prime number is called a _____ number.

15. The prime numbers between 10 and 20 are _____, _____,

    _____, _____.

C. Short Answer Questions

16. List all the prime numbers from **1 to 50**.

17. Is **51** a prime number? Explain why.

18. Find all prime numbers between **50 and 70**.

19. Write the first **10 prime numbers**.

20. Check if **97** is a prime number.

D. Word Problems

21. A teacher wrote some numbers on the board:

    18, 23, 29, 35, 37

    Write only the prime numbers.

22. Musa wants to pick a prime number greater than 30 but less than 50.

    List all the possible numbers he can pick.

23. Two students choose numbers: A chooses 15 and B chooses 17.

    Who chose the prime number?

24. A prime lock opens only when a prime number is entered.

    Which of these numbers will open the lock: **91, 97, 99**?

25. A set of cards has numbers from 1 to 30.

    How many prime number cards are there in the set?