📄 GRADE 5, 6 & 7 WORKSHEET

Topic: HIGHEST COMMON FACTOR

Name:_____

A. Multiple-Choice Questions (Choose the correct option)

1. The LCM of 4 and 6 is:

   A. 10   B. 12   C. 14   D. 18

2. The LCM of 8 and 12 is:

   A. 16   B. 20   C. 24   D. 36

3. The LCM of 5 and 7 is:

   A. 12   B. 25   C. 30   D. 35

4. The LCM of 9 and 15 is:

   A. 30   B. 45   C. 35   D. 90

5. The LCM of 6, 8 and 12 is:

   A. 12   B. 24   C. 48   D. 36

6. The LCM of 10, 15 and 20 is:

   A. 30   B. 50   C. 60   D. 100

7. The LCM of 3, 4 and 9 is:

   A. 18   B. 36   C. 27   D. 12

8. The LCM of 14 and 21 is:

   A. 28   B. 42   C. 56   D. 84

9. The LCM of 16 and 20 is:

   A. 40   B. 80   C. 60   D. 20

10. The LCM of 18 and 24 is:

   A. 36   B. 48   C. 54   D. 72

B. Short Answer Questions

11. Find the LCM of **36and 18**.
12. Find the LCM of **12 and 9**.
13. Find the LCM of **15, 25 and 30**.
14. Find the LCM of **40, 10 and 140**.
15. Find the LCM of **10, 12 and 25**.

C. Word Problems

16. Two bells ring at intervals of **6 minutes** and **8 minutes**. If they ring together at 8:00 a.m., when will they ring together again?
17. A traffic light flashes every **5 seconds**, another every **7 seconds**. After how many seconds will they flash together?
18. A teacher checks homework every **4 days**, while another checks every **6 days**. After how many days will they check homework on the same day again?
19. A pump fills a tank every **12 minutes**, and another fills every **15 minutes**. After how many minutes do they start filling together?
20. Three children clap every **2 sec**, **3 sec**, and **4 sec**. After how many seconds will they clap together?