CLASS 8

SUBJECT :Arithmetic Work sheet15 Answer Key

Marks:15 PLAYING WITH NUMBERS

Date:6.3.21

Answer all thefollowing questions(1×15=15)

1. Which of the numbers is divisible by 10?

(a) 13210

(b) 61725

(c) 12412

(d) 800001

► (a) 13210

2. By which of the following number 9042 is not divisible? 2, 3, 6, and 9

(a) 2

(b) 3

(c) 9

(d) 6

► (c) 9

3. Identify the missing digit in the number 234,4_6, if the number is divisible by 4.

(a) 2

(b) 6

(c) 4

(d) 5

► (d) 5

4. 32 + m is a prime number. What is the least value of 'm'?

(a) 3

(b) 5

(c) 6

(d) 4

▶ (b) 5

5. Which is the least number of 4 digits that is exactly divisible by 13?

(a) 1052

(b) 1039

(c) 1032

(d) 1001

▶ (d) 1001

6. When is a number always divisible by 90?

(a) If it is divisible by both 2 and 45.

(b) If it is not divisible by both 5 and 18.

(c) If it is not divisible by both 9 and 10.

(d) If it is divisible by 3 and 20.

▶ (a) If it is divisible by both 2 and 45.

7. A prime number is greater than 30 and lesser than 60. What is the greatest possible such number?

(a) 37

(b) 53

(c) 43

(d) 59

▶ (d) 59

8. Which number is divisible by 6?

(a) 468

(b) 213

(c) 621

(d) 573

▶ (a) 468

9. Write in the usual form: 10×5 + 6

(a) 65

(b) 54

(c) 56

(d) 25

▶ (c) 56

10. By which of the following numbers is 477 not divisible?

(a) 3

(b) 7

(c) 53

(d) 9

▶ (b) 7

11. Which of the following is not prime?

(a) 107

(b) 127

(c) 153

(d) 197

▶ (c) 153

12. What value should be given to * so that the number 653*47 is divisible by 11?

(a) 1

(b) 6

(c) 2

(d) 9

▶ (a) 1

13. Write in the usual form: 100 × 7 + 10 × 1 + 8

(a) 871

(b) 718

(c) 178

(d) 781

► (b) 718

14. If a number is divisible by 9, it is also divisible by which number?

(a) 3

(b) 6

(c) 2

(d) 4

► (a) 3

15. The number 21436587 is divisible by _____.

(a) 2

(b) 9

(c) 6

(d) None of these

► (b) 9

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