EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Playing with Numbers

Grade : SSC Grade VIII

1. Which of the following numbers is divisible by 6?

   (i) 5,885 (ii) 5,884 (iii) 5,887 (iv) 5,888 (v) 5,886

2. Write the expanded form of the given number : 232579

   (i) (2 × 100000) + (2 × 10000) + (2 × 1000) + (5 × 100) + (7 × 10) + (9 × 1)

   (ii) (2 × 100000) + (3 × 10000) + (2 × 1000) + (6 × 100) + (7 × 10) + (9 × 1)

   (iii) (2 × 100000) + (3 × 10000) + (3 × 1000) + (5 × 100) + (7 × 10) + (9 × 1)

   (iv) (2 × 100000) + (3 × 10000) + (2 × 1000) + (5 × 100) + (7 × 10) + (9 × 1)

   (v) (2 × 100000) + (3 × 10000) + (1 × 1000) + (5 × 100) + (7 × 10) + (9 × 1)

3. Write the number for the given expanded form :
   "(8 × 1000) + (3 × 100) + (7 × 10) + (5 × 1)"

   (i) -1,625 (ii) 8,385 (iii) 8,375 (iv) 9,375 (v) 8,365

4. 257 =

   (i) 200+50+7 (ii) 200+50 (iii) 200+7 (iv) 50+7

5. Which of the following numbers is divisible by 5?

   (i) 1,156 (ii) 1,154 (iii) 1,157 (iv) 1,153 (v) 1,155

6. Find the number of prime factors of 5408

   (i) 0 (ii) 3 (iii) 2 (iv) 4 (v) 1

7. Find the number of prime factors of 875

   (i) 1 (ii) 0 (iii) 4 (iv) 3 (v) 2

8. The multiples of 16 =

   (i) {16,32,48,64,80,96,79} (ii) {16,32,48,64,80,96} (iii) {16,32,48,64,80,79} (iv) {16,32,80,96,49,79}

   (v) {16,32,48,64,80,96,95,15}

9. 6000 + 500 + 20 + 7 =

   (i) 7,527 (ii) 6,427 (iii) 6,627 (iv) 6,527 (v) 6,517

10. Find the total number of factors of 78

    (i) 10 (ii) 8 (iii) 9 (iv) 7 (v) 6

11. Which of the following numbers is divisible by 4?

    (i) 4,454 (ii) 4,456 (iii) 4,458 (iv) 4,457 (v) 4,455

12. 1,293 =

    (i) 1000+200+90 (ii) 1000+90+3 (iii) 200+90+3 (iv) 1000+200+90+3 (v) 1000+200+3

13. 616 =

(i) 10+6 (ii) 600+10 (iii) 600+6 (iv) 600+10+6

14. Find the number of prime factors of 10

(i) 2 (ii) 4 (iii) 3 (iv) 1 (v) 0

15. 2000 + 900 + 70 + 6 =

(i) 3,976 (ii) 1,976 (iii) 3,076 (iv) 2,966 (v) 2,976

16. 60 + 6 =

(i) -9934 (ii) -934 (iii) 66 (iv) 10066 (v) 76

17. The factors of 83 =

(i) {1,2} (ii) {1,83,82,2} (iii) {1,83} (iv) {1,83,82} (v) {82,2}

18. 20000 + 6000 + 700 + 70 + 5 =

(i) 26775 (ii) 27775 (iii) 26875 (iv) 16775 (v) 26675

19. Which of the following numbers is divisible by 10?

(i) 7,050 (ii) 7,048 (iii) 7,049 (iv) 7,052 (v) 7,051

20. Which of the following numbers is divisible by 4?

(i) 1,049 (ii) 1,047 (iii) 1,046 (iv) 1,050 (v) 1,048

21. Find the prime factorization of 34

(i) 2×16 (ii) $2^{-2} \times 17$ (iii) 2×17^{2} (iv) 2×20 (v) 2×17

22. Which of the following numbers is divisible by 11?

(i) 8,635 (ii) 8,637 (iii) 8,634 (iv) 8,636 (v) 8,633

23. Which of the following numbers is divisible by 5?

(i) 9,345 (ii) 9,344 (iii) 9,346 (iv) 9,347 (v) 9,343

24. Which of the following numbers is divisible by 7?

(i) 3,360 (ii) 3,359 (iii) 3,361 (iv) 3,358 (v) 3,362

25. Find the total number of factors of 840

(i) 35 (ii) 32 (iii) 33 (iv) 29 (v) 31

Assignment Key

1) (v)	2) (iv)	3) (iii)	4) (i)	5) (v)	6) (iii)
7) (v)	8) (ii)	9) (iv)	10) (ii)	11) (ii)	12) (iv)
13) (iv)	14) (i)	15) (v)	16) (iii)	17) (iii)	18) (i)
19) (i)	20) (v)	21) (v)	22) (i)	23) (i)	24) (i)
25) (ii)					