



Exercise-1.1

1. Write the following numbers in words :

(a) 19,450

(b) 80,902

(c) 4,70,913

2. Add the following:

(a)

$$\begin{array}{r} 33452 \\ + 8857 \\ \hline \end{array}$$

(b)

$$\begin{array}{r} 67231 \\ + 899 \\ \hline \end{array}$$

(c)

$$\begin{array}{r} 51729 \\ + 8406 \\ \hline \end{array}$$

(d)

$$\begin{array}{r} 12504 \\ 892 \\ + 1367 \\ \hline \end{array}$$

(e)

$$\begin{array}{r} 11005 \\ 486 \\ + 8158 \\ \hline \end{array}$$

(f)

$$\begin{array}{r} 34521 \\ 92 \\ + 9863 \\ \hline \end{array}$$

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3. Find the difference :

(a)

$$\begin{array}{r} 8256 \\ - 1685 \\ \hline \end{array}$$

(b)

$$\begin{array}{r} 45120 \\ - 28356 \\ \hline \end{array}$$

(c)

$$\begin{array}{r} 52346 \\ - 15758 \\ \hline \end{array}$$

(d)

$$\begin{array}{r} 75401 \\ - 26512 \\ \hline \end{array}$$

(e)

$$\begin{array}{r} 26635 \\ - 20528 \\ \hline \end{array}$$

(f)

$$\begin{array}{r} 980432 \\ - 790024 \\ \hline \end{array}$$

4. Write the following in ascending order :

(a) 2,356; 2,536; 2,635; 2,365 = _____

(b) $54,256; 53,256; 54,526; 53,625 =$ _____

5. Write the following in descending order :

(a) $7,253; 7,235; 7,352; 7,325 =$ _____

(b) $20,823; 21,823; 23,823; 19,823 =$ _____

6. Write in the expanded notation :

(a) 18,426 (b) 3,46,126 (c) 2,43,651 (d) 51,279

7. Write in the short form :

(a) $30,000 + 2,000 + 100 + 20 + 9 =$ _____

(b) $2,00,000 + 80,000 + 30 + 8 =$ _____

(c) $1,00,000 + 60,000 + 7,000 + 300 + 2 =$ _____

(d) $70,000 + 9,000 + 100 + 80 + 2 =$ _____

8. Find the product :

(a)
$$\begin{array}{r} 734 \\ \times 76 \\ \hline \end{array}$$

(b)
$$\begin{array}{r} 852 \\ \times 75 \\ \hline \end{array}$$

(c)
$$\begin{array}{r} 369 \\ \times 38 \\ \hline \end{array}$$

(d)
$$\begin{array}{r} 625 \\ \times 189 \\ \hline \end{array}$$

(e)
$$\begin{array}{r} 321 \\ \times 278 \\ \hline \end{array}$$

9. Divide :

(a) $76254 \div 67$

(b) $92356 \div 81$

(c) $36272 \div 143$

(d) $123456 \div 122$

10. Write the following in the Hindu - Arabic numbers :

(a) XX = _____

(b) LX = _____

(c) XCIX = _____

(d) XXXIX = _____

(e) 111 = _____

(f) 35 = _____

11. Write all the factors of each of the following numbers :

S.No.	Numbers	Factors
(a)	18	_____
(b)	23	_____
(c)	27	_____
(d)	42	_____
(e)	68	_____

12. Write all the prime number below 30.

13. Compare using $>$, $<$ or $=$ symbol.

(a) $1\frac{5}{12}$ _____ $\frac{14}{12}$

(b) $\frac{7}{9}$ _____ $\frac{7}{9}$

(c) $\frac{2}{3}$ _____ $\frac{2}{5}$

(d) $\frac{19}{4}$ _____ $4\frac{3}{4}$

(e) $\frac{21}{17}$ _____ $\frac{19}{17}$

(f) $\frac{41}{100}$ _____ $\frac{43}{100}$

14. Write numerator and denominator in each of these fractions :

S.No.	Fractions	Numerator	Denominator
(a)	$\frac{4}{5}$		
(b)	$\frac{8}{13}$		
(c)	$\frac{6}{17}$		
(d)	$\frac{7}{3}$		

15. Write three equivalent fractions for each of the following :

(a) $\frac{1}{4}$ (b) $\frac{7}{9}$ (c) $\frac{4}{5}$ (d) $\frac{3}{6}$ (e) $\frac{2}{3}$ (f) $\frac{5}{6}$

16. Write the following as improper fractions :

(a) $3\frac{1}{2}$ (b) $1\frac{3}{12}$ (c) $10\frac{2}{7}$ (d) $6\frac{2}{5}$ (e) $4\frac{1}{3}$ (f) $1\frac{5}{8}$

17. Write the following as improper fractions :

(a) $\frac{16}{5}$ (b) $\frac{21}{17}$ (c) $\frac{51}{30}$ (d) $\frac{74}{9}$ (e) $\frac{41}{7}$ (f) $\frac{13}{6}$

18. Write as fractions :

(a) 2.5 (b) 6.602 (c) 15.25 (d) 25.35

19. Add :

(a) $1\frac{1}{8} + 5\frac{3}{8}$ (b) $1\frac{5}{8} + 2\frac{2}{3} + 3\frac{3}{4}$ (c) $7\frac{2}{7}$ and $10\frac{4}{7}$

20. Find the difference :

(a) $6\frac{3}{5} - 5\frac{4}{5}$ (b) $14\frac{3}{8} - 11\frac{1}{8}$ (c) $9\frac{7}{8} - 1\frac{5}{6}$

21. Divide : (a) 7 kg 225g by 5 (b) 6 l 125 ml by 7 (c) 9 cm 6mm by 4