EduSahara™ Assignment

Name : Product of Numbers using Algebraic Identities

Chapter : Special Products and Expansions

Grade : ICSE Grade VIII

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1. The value of 34×34 is

   (i) 1155 (ii) 1157 (iii) 1159 (iv) 1153 (v) 1156

2. The value of $500\frac{1}{2} \times 500\frac{1}{2}$ is

   (i) $250499\frac{3}{4}$ (ii) $250500\frac{1}{4}$ (iii) $250500\frac{3}{4}$ (iv) $250500\frac{1}{2}$ (v) $250500\frac{1}{6}$

3. The value of 593×593 is

   (i) 351647 (ii) 351648 (iii) 351649 (iv) 351652 (v) 351650

4. The value of $899\frac{2}{3} \times 899\frac{2}{3}$ is

   (i) $809400\frac{1}{7}$ (ii) $809400\frac{1}{9}$ (iii) $809400\frac{1}{3}$ (iv) $809399\frac{8}{9}$ (v) $809400\frac{1}{11}$

5. The value of 91×89 is

   (i) 8098 (ii) 8100 (iii) 8096 (iv) 8099 (v) 8101

6. The value of $50\frac{1}{3} \times 49\frac{2}{3}$ is

   (i) $2499\frac{2}{3}$ (ii) $2500\frac{1}{9}$ (iii) $2500\frac{1}{7}$ (iv) $2499\frac{8}{9}$ (v) $2499\frac{8}{11}$

7. The value of 305×307 is

   (i) 93637 (ii) 93634 (iii) 93636 (iv) 93635 (v) 93633

8. The value of $40\frac{3}{4} \times 41\frac{1}{2}$ is

   (i) $1691\frac{1}{10}$ (ii) $1690\frac{7}{8}$ (iii) $1691\frac{1}{8}$ (iv) $1691\frac{3}{8}$ (v) $1691\frac{1}{6}$

9. The value of 699×694 is

   (i) 485108 (ii) 485107 (iii) 485106 (iv) 485105 (v) 485103

10. The value of $19\frac{2}{3} \times 19\frac{1}{3}$ is

    (i) $380\frac{2}{9}$ (ii) $380\frac{2}{7}$ (iii) 380 (iv) $380\frac{2}{11}$ (v) $380\frac{4}{9}$

11. The value of 501×498 is

    (i) 249500 (ii) 249499 (iii) 249497 (iv) 249496 (v) 249498

12. The value of $70\frac{1}{3} \times 69\frac{1}{2}$ is

(i) $4888\frac{1}{4}$ (ii) $4888\frac{1}{6}$ (iii) $4887\frac{5}{6}$ (iv) $4888\frac{1}{8}$ (v) $4888\frac{1}{2}$

13. Evaluate : $995^2 - 5^2$

(i) 99000 (ii) 990000 (iii) 990995 (iv) 9900000 (v) 990005

14. Find 108^3

(i) 1259732 (ii) 1259722 (iii) 1259712 (iv) 1259702 (v) 1259692

15. Find 599^3

(i) 214921799 (ii) 214921789 (iii) 214921819 (iv) 214921809 (v) 214921779

16. Find the value of $25^3 + 20^3 - 45^3$

(i) 125000 (ii) 64000 (iii) (-64000) (iv) (-67500) (v) (-125000)

17. Find the value of $3.4^3 + 4.6^3 - 8^3$

(i) -778.688 (ii) -314.432 (iii) 778.688 (iv) 314.432 (v) -375.36

Assignment Key

1) (v)	2) (ii)	3) (iii)	4) (ii)	5) (iv)	6) (iv)
7) (iv)	8) (iii)	9) (iii)	10) (i)	11) (v)	12) (ii)
13) (ii)	14) (iii)	15) (i)	16) (iv)	17) (v)	

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