

EduSahara™ Learning Center Assignment**Grade : Class IX, ICSE****Chapter : Expansions****Name : Finding Product of Numbers Using Identities**

1. The value of 91×91 is

(i) 8284 (ii) 8279 (iii) 8282 (iv) 8280 (v) 8281

2. The value of $100\frac{3}{4} \times 100\frac{3}{4}$ is

(i) $10150\frac{9}{14}$ (ii) $10150\frac{7}{16}$ (iii) $10150\frac{9}{16}$ (iv) $10150\frac{11}{16}$ (v) $10150\frac{1}{2}$

3. The value of 395×395 is

(i) 156022 (ii) 156024 (iii) 156026 (iv) 156028 (v) 156025

4. The value of $199\frac{2}{3} \times 199\frac{2}{3}$ is

(i) $39866\frac{7}{9}$ (ii) 39867 (iii) $39866\frac{7}{11}$ (iv) $39866\frac{5}{9}$

5. The value of 14×6 is

(i) 83 (ii) 84 (iii) 85 (iv) 81 (v) 87

6. The value of $300\frac{1}{2} \times 299\frac{1}{2}$ is

(i) $89999\frac{1}{4}$ (ii) $90000\frac{1}{4}$ (iii) $90000\frac{1}{2}$ (iv) $89999\frac{1}{2}$ (v) $89999\frac{3}{4}$

7. The value of 307×306 is

(i) 93942 (ii) 93939 (iii) 93941 (iv) 93943 (v) 93945

8. The value of $700\frac{1}{4} \times 700\frac{2}{3}$ is

(i) $490641\frac{1}{2}$ (ii) $490642\frac{1}{6}$ (iii) $490641\frac{5}{6}$ (iv) $490641\frac{5}{8}$ (v) $490642\frac{1}{4}$

9. The value of 51×59 is

(i) 3010 (ii) 3007 (iii) 3012 (iv) 3009 (v) 3008

10. The value of $299\frac{1}{2} \times 299\frac{1}{4}$ is

(i) $89625\frac{1}{8}$ (ii) $89625\frac{1}{2}$ (iii) $89625\frac{5}{8}$ (iv) $89625\frac{3}{10}$ (v) $89625\frac{3}{8}$

11. The value of $\quad \times \quad$ is

205 197

(i) 40385 (ii) 40382 (iii) 40386 (iv) 40384 (v) 40387

12. The value of $70\frac{2}{3} \times 69\frac{2}{3}$ is(i) $4922\frac{8}{9}$ (ii) $4923\frac{1}{7}$ (iii) $4923\frac{1}{11}$ (iv) $4923\frac{1}{3}$ (v) $4923\frac{1}{9}$

Assignment Key

- 1) (v)
- 2) (iii)
- 3) (v)
- 4) (i)
- 5) (ii)
- 6) (v)
- 7) (i)
- 8) (iii)
- 9) (iv)
- 10) (v)
- 11) (i)
- 12) (v)