

**Find the Lowest Common Multiple:**

1.  $x$  and  $2x$

2.  $x$  and  $3x$

3.  $x$  and  $3x^2$

4.  $3x^2$  and  $x$

5.  $3x^2$  and  $2x$

6.  $3x^2$  and  $2y$

7.  $7x^2$  and  $2y$

8.  $7x^2$  and  $2xy$

9.  $8x^2$  and  $2xy$

10.  $8x^2$  and  $2x^5y$

11.  $8x^2$  and  $12x^5y$

12.  $8x^2y$  and  $12x^5y$

13.  $16x^2y$  and  $24x^5y$

14.  $16x^2y^3$  and  $24x^5y$

15.  $16x^2y^3$ ,  $24x^5y$  and  $y^4$

16.  $16x^2y^3$ ,  $24x^5y$  and  $5y^4$

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3.  $x$  and  $3x^2$

4.  $3x^2$  and  $x$

5.  $3x^2$  and  $2x$

6.  $3x^2$  and  $2y$

7.  $7x^2$  and  $2y$

8.  $7x^2$  and  $2xy$

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13.  $16x^2y$  and  $24x^5y$

14.  $16x^2y^3$  and  $24x^5y$

15.  $16x^2y^3$ ,  $24x^5y$  and  $y^4$

16.  $16x^2y^3$ ,  $24x^5y$  and  $5y^4$

## Algebraic LCM: Answers

1.  $2x$

2.  $3x$

3.  $3x^2$

4.  $3x^2$

5.  $6x^2$

6.  $6x^2y$

7.  $14x^2y$

8.  $14x^2y$

9.  $8x^2y$

10.  $8x^5y$

11.  $24x^5y$

12.  $24x^5y$

13.  $48x^5y$

14.  $48x^5y^3$

15.  $48x^5y^4$

16.  $240x^5y^4$

## Algebraic LCM: Answers

1.  $2x$

2.  $3x$

3.  $3x^2$

4.  $3x^2$

5.  $6x^2$

6.  $6x^2y$

7.  $14x^2y$

8.  $14x^2y$

9.  $8x^2y$

10.  $8x^5y$

11.  $24x^5y$

12.  $24x^5y$

13.  $48x^5y$

14.  $48x^5y^3$

15.  $48x^5y^4$

16.  $240x^5y^4$