

Simplifying Algebraic Fractions

1. $\frac{3}{12}$

2. $\frac{3x}{12}$

3. $\frac{3}{12x}$

4. $\frac{12x}{3}$

5. $\frac{12x}{6}$

6. $\frac{12x}{6x}$

7. $\frac{12xy}{6x}$

8. $\frac{6x}{12xy}$

9. $\frac{10x}{12xy}$

10. $\frac{10x}{12xy^2}$

11. $\frac{10xy}{12xy^2}$

12. $\frac{10x^2y}{12xy^2}$

13. $\frac{10x^2y^2}{12xy^2}$

14. $\frac{10x^2y^3}{12xy^2}$

15. $\frac{100x^2y^4}{120xy^2}$

16. $\frac{100x^2y^4}{xy^2}$

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Simplifying Algebraic Fractions – ANSWERS

1. $\frac{1}{4}$

2. $\frac{x}{4}$

3. $\frac{1}{4x}$

4. $4x$

5. $2x$

6. 2

7. $2y$

8. $\frac{1}{2y}$

9. $\frac{5}{6y}$

10. $\frac{5}{6y^2}$

11. $\frac{5}{6y}$

12. $\frac{5x}{6y}$

13. $\frac{5x}{6}$

14. $\frac{5xy}{6}$

15. $\frac{5xy^2}{6}$

16. $100xy^2$

Simplifying Algebraic Fractions – ANSWERS

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7. $2y$

8. $\frac{1}{2y}$

9. $\frac{5}{6y}$

10. $\frac{5}{6y^2}$

11. $\frac{5}{6y}$

12. $\frac{5x}{6y}$

13. $\frac{5x}{6}$

14. $\frac{5xy}{6}$

15. $\frac{5xy^2}{6}$

16. $100xy^2$

