

Answers Set 1

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|---------------------------|---------------------------|---------------------------|
| 1. $\frac{26y^1a^3}{27}$ | 2. $\frac{23}{11a^3y^8}$ | 3. $\frac{26}{17y^6x^2}$ |
| 4. $\frac{19x^2a^2}{11}$ | 5. $\frac{23y^4}{11a^1}$ | 6. $\frac{7}{6x^2a^5}$ |
| 7. $\frac{10x^1}{1x^3}$ | 8. $\frac{16x^2}{13}$ | 9. $\frac{20y^3a^2}{29}$ |
| 10. $\frac{1x^5}{24a^4}$ | 11. $\frac{3x^3}{5y^5}$ | 12. $\frac{26}{19x^6}$ |
| 13. $\frac{1}{9a^4x^3}$ | 14. $\frac{7}{26x^3}$ | 15. $\frac{11y^1}{19y^5}$ |
| 16. $\frac{16}{5x^5y^2}$ | 17. $\frac{1y^4}{8a^7}$ | 18. $\frac{12y^5x^5}{25}$ |
| 19. $\frac{1y^8}{28x^3}$ | 20. $\frac{24a^4y^2}{11}$ | 21. $\frac{27a^5}{28y^3}$ |
| 22. $\frac{15a^3}{16x^1}$ | 23. $\frac{5}{2x^5y^1}$ | 24. $\frac{1x^7}{3x^5}$ |
| 25. $\frac{17y^6x^2}{9}$ | 26. $\frac{13}{10a^2x^3}$ | 27. $\frac{13x^7x^3}{16}$ |
| 28. $\frac{12y^1}{7}$ | 29. $\frac{5x^5}{1x^4}$ | 30. $\frac{17}{15x^1a^4}$ |

Answers Set 2

1. $\frac{6y^3}{23y^7}$

2. $\frac{2x^6}{5y^7}$

3. $\frac{26y^2}{3a^3}$

4. $\frac{10y^8}{21y^2}$

5. $\frac{4a^6}{23}$

6. $\frac{9x^3}{7x^6}$

7. $\frac{25a^1y^3}{17}$

8. $\frac{19}{9}$

9. $\frac{1x^3}{1}$

10. $\frac{3x^2x^3}{10}$

11. $\frac{7}{18a^1a^2}$

12. $\frac{11x^4a^6}{14}$

13. $\frac{1}{16a^2y^6}$

14. $\frac{2x^5y^4}{1}$

15. $\frac{19x^3}{6x^3}$

16. $\frac{30y^2}{1}$

17. $\frac{5x^8}{11y^4}$

18. $\frac{3x^1}{1a^1}$

19. $\frac{6y^3}{7}$

20. $\frac{1y^1x^4}{1}$

21. $\frac{4y^4}{3x^5}$

22. $\frac{9x^4}{4y^3}$

23. $\frac{5y^5y^3}{22}$

24. $\frac{23x^3}{27y^3}$

25. $\frac{6}{1y^1}$

26. $\frac{17y^4a^3}{7}$

27. $\frac{26a^1}{29a^1}$

28. $\frac{9a^5}{14x^2}$

29. $\frac{17x^1}{27x^8}$

30. $\frac{5a^1}{9x^2}$

Answers Set 3

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|---------------------------|---------------------------|---------------------------|
| 1. $\frac{11y^3}{4y^7}$ | 2. $\frac{17a^5}{1x^1}$ | 3. $\frac{1}{1a^2x^2}$ |
| 4. $\frac{4x^3x^7}{5}$ | 5. $\frac{11a^3x^6}{28}$ | 6. $\frac{17y^1}{5}$ |
| 7. $\frac{2}{7a^2a^4}$ | 8. $\frac{6a^5}{29y^1}$ | 9. $\frac{23x^4x^1}{21}$ |
| 10. $\frac{2y^1}{23}$ | 11. $\frac{4x^4}{13x^4}$ | 12. $\frac{1a^1y^1}{7}$ |
| 13. $\frac{6}{7x^6a^4}$ | 14. $\frac{7x^5}{4}$ | 15. $\frac{10a^2}{17a^2}$ |
| 16. $\frac{1y^2}{7a^2}$ | 17. $\frac{15x^3}{26a^4}$ | 18. $\frac{7}{4x^1x^2}$ |
| 19. $\frac{4a^1}{5}$ | 20. $\frac{9y^6y^8}{11}$ | 21. $\frac{9a^6}{22y^4}$ |
| 22. $\frac{7}{9a^1x^3}$ | 23. $\frac{7a^1y^1}{4}$ | 24. $\frac{7a^3x^4}{11}$ |
| 25. $\frac{27x^1}{10y^2}$ | 26. $\frac{23y^2x^4}{22}$ | 27. $\frac{14}{13y^3}$ |
| 28. $\frac{22}{1y^3}$ | 29. $\frac{5}{2x^2}$ | 30. $\frac{7}{29x^3}$ |

Answers Set 4

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|---------------------------|---------------------------|---------------------------|
| 1. $\frac{7}{2x^6}$ | 2. $\frac{23}{13a^5}$ | 3. $\frac{20}{11y^8x^3}$ |
| 4. $\frac{15x^5}{7a^6}$ | 5. $\frac{1x^5a^3}{8}$ | 6. $\frac{1}{4y^3x^4}$ |
| 7. $\frac{10x^6}{29a^3}$ | 8. $\frac{14a^3x^3}{9}$ | 9. $\frac{4a^3}{3a^2}$ |
| 10. $\frac{11}{28x^1}$ | 11. $\frac{6y^1}{29y^2}$ | 12. $\frac{14a^2}{19}$ |
| 13. $\frac{4a^2}{7a^3}$ | 14. $\frac{5}{13a^2}$ | 15. $\frac{1}{24x^2x^5}$ |
| 16. $\frac{10a^5}{7}$ | 17. $\frac{30}{11a^5}$ | 18. $\frac{12a^3x^7}{1}$ |
| 19. $\frac{8}{7y^4y^4}$ | 20. $\frac{22a^1}{5a^2}$ | 21. $\frac{1x^2y^2}{1}$ |
| 22. $\frac{25x^1a^1}{12}$ | 23. $\frac{18}{29y^3x^2}$ | 24. $\frac{13y^2}{25a^3}$ |
| 25. $\frac{22a^4}{19y^2}$ | 26. $\frac{11}{15x^6x^2}$ | 27. $\frac{10y^1}{13}$ |
| 28. $\frac{22a^1}{19y^2}$ | 29. $\frac{7a^3}{23x^3}$ | 30. $\frac{3y^5}{13y^1}$ |

Answers Set 5

1. $\frac{3x^3}{5}$

2. $\frac{24}{25x^1a^2}$

3. $\frac{17x^2}{22y^4}$

4. $\frac{12a^6}{11x^4}$

5. $\frac{7y^3y^3}{10}$

6. $\frac{25x^1}{1}$

7. $\frac{19x^2x^7}{15}$

8. $\frac{27x^1x^1}{4}$

9. $\frac{8x^3y^8}{5}$

10. $\frac{5y^1a^4}{3}$

11. $\frac{9a^2}{2x^4}$

12. $\frac{3a^1}{4x^8}$

13. $\frac{19}{21a^2y^1}$

14. $\frac{1x^7}{2a^2}$

15. $\frac{14a^6}{11}$

16. $\frac{4}{7y^3a^1}$

17. $\frac{25}{29x^7}$

18. $\frac{9a^2}{8a^2}$

19. $\frac{3y^3}{29y^3}$

20. $\frac{19x^3}{23}$

21. $\frac{13y^2}{27a^2}$

22. $\frac{18x^2}{23}$

23. $\frac{3}{17a^2}$

24. $\frac{7a^5}{6y^3}$

25. $\frac{5y^6}{7a^5}$

26. $\frac{2}{7y^1}$

27. $\frac{13y^4}{6x^5}$

28. $\frac{3a^1}{4}$

29. $\frac{7a^4y^2}{19}$

30. $\frac{13a^3}{23}$

Answers Set 6

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|---------------------------|---------------------------|---------------------------|
| 1. $\frac{5x^1}{4a^5}$ | 2. $\frac{2}{7y^3}$ | 3. $\frac{3}{2y^2a^2}$ |
| 4. $\frac{9x^6y^7}{19}$ | 5. $\frac{11y^2}{21}$ | 6. $\frac{7}{12x^7y^4}$ |
| 7. $\frac{1}{5y^5x^1}$ | 8. $\frac{23x^2}{17}$ | 9. $\frac{28a^4}{1x^1}$ |
| 10. $\frac{16y^4}{21y^2}$ | 11. $\frac{27y^3}{10a^4}$ | 12. $\frac{23x^3}{22a^7}$ |
| 13. $\frac{30}{29}$ | 14. $\frac{11y^3}{5a^3}$ | 15. $\frac{12x^4}{11a^2}$ |
| 16. $\frac{19y^3a^3}{15}$ | 17. $\frac{15}{1y^6y^1}$ | 18. $\frac{16}{25a^4x^5}$ |
| 19. $\frac{7y^2}{5a^7}$ | 20. $\frac{17}{9y^2x^1}$ | 21. $\frac{25a^3}{22y^3}$ |
| 22. $\frac{5x^3a^3}{2}$ | 23. $\frac{4}{5x^4y^2}$ | 24. $\frac{7y^2}{22}$ |
| 25. $\frac{30x^4}{11y^8}$ | 26. $\frac{7y^1a^4}{5}$ | 27. $\frac{7a^1}{3y^5}$ |
| 28. $\frac{13a^2a^7}{5}$ | 29. $\frac{11y^2y^2}{3}$ | 30. $\frac{1x^3}{8a^1}$ |

Answers Set 7

1. $\frac{2}{19a^2}$

2. $\frac{13y^2}{9y^8}$

3. $\frac{29}{14x^8}$

4. $\frac{26x^2x^5}{25}$

5. $\frac{22x^1}{25y^1}$

6. $\frac{29}{2x^7}$

7. $\frac{25y^7}{14y^1}$

8. $\frac{16y^6}{9}$

9. $\frac{23a^2}{24}$

10. $\frac{24a^7}{25x^6}$

11. $\frac{9}{2a^1}$

12. $\frac{6y^3y^1}{5}$

13. $\frac{25y^6}{17x^5}$

14. $\frac{9}{14y^4y^2}$

15. $\frac{9a^1a^6}{1}$

16. $\frac{23y^6}{9x^1}$

17. $\frac{3x^1}{4y^6}$

18. $\frac{25a^4}{18a^7}$

19. $\frac{1x^1}{6a^1}$

20. $\frac{2}{29y^4}$

21. $\frac{9}{22y^1}$

22. $\frac{11}{2x^1y^5}$

23. $\frac{9x^2}{1a^4}$

24. $\frac{1x^2}{4x^2}$

25. $\frac{11}{10y^5}$

26. $\frac{18a^2a^3}{29}$

27. $\frac{13y^2x^7}{23}$

28. $\frac{3a^1}{4a^4}$

29. $\frac{6x^5}{1}$

30. $\frac{16}{21y^3}$

Answers Set 8

1. $\frac{5}{26a^4y^5}$

2. $\frac{5x^1}{11a^4}$

3. $\frac{1y^2}{28y^1}$

4. $\frac{9}{7y^2y^5}$

5. $\frac{25}{13y^1a^2}$

6. $\frac{1y^2}{18y^3}$

7. $\frac{13a^4a^5}{4}$

8. $\frac{23}{18a^2a^1}$

9. $\frac{25}{23a^1}$

10. $\frac{4a^1a^1}{5}$

11. $\frac{9a^2}{19}$

12. $\frac{7y^1}{2y^5}$

13. $\frac{17}{23y^6}$

14. $\frac{21a^1x^3}{17}$

15. $\frac{8}{13x^4a^6}$

16. $\frac{3a^7}{5y^7}$

17. $\frac{7}{2a^5}$

18. $\frac{2x^3}{9y^3}$

19. $\frac{2y^4}{1}$

20. $\frac{13}{12y^2x^3}$

21. $\frac{26}{11y^4}$

22. $\frac{13}{15y^2x^4}$

23. $\frac{1x^4}{19}$

24. $\frac{23x^1x^5}{8}$

25. $\frac{1x^3}{2x^3}$

26. $\frac{5y^1}{1x^4}$

27. $\frac{1y^4}{2y^1}$

28. $\frac{1}{6y^1a^5}$

29. $\frac{1a^2}{1x^4}$

30. $\frac{24a^5}{19a^8}$

Answers Set 9

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|---------------------------|---------------------------|---------------------------|
| 1. $\frac{24y^1y^7}{29}$ | 2. $\frac{26y^7x^3}{3}$ | 3. $\frac{10x^4}{29}$ |
| 4. $\frac{27y^6y^3}{8}$ | 5. $\frac{16x^2y^6}{21}$ | 6. $\frac{5x^4}{4y^2}$ |
| 7. $\frac{5a^4x^6}{9}$ | 8. $\frac{1x^1}{3x^5}$ | 9. $\frac{7a^1}{30y^6}$ |
| 10. $\frac{1}{27a^2}$ | 11. $\frac{8x^3}{5x^6}$ | 12. $\frac{4y^1x^4}{25}$ |
| 13. $\frac{29a^6}{3x^7}$ | 14. $\frac{10x^3}{13x^1}$ | 15. $\frac{17x^5}{14a^2}$ |
| 16. $\frac{8a^1x^1}{5}$ | 17. $\frac{18a^4a^3}{25}$ | 18. $\frac{3y^6}{19}$ |
| 19. $\frac{1}{4x^6a^3}$ | 20. $\frac{14a^4x^5}{19}$ | 21. $\frac{1y^1x^4}{13}$ |
| 22. $\frac{9a^2x^5}{10}$ | 23. $\frac{29y^1a^5}{15}$ | 24. $\frac{1y^3}{5}$ |
| 25. $\frac{1}{4y^2a^6}$ | 26. $\frac{6y^3y^1}{1}$ | 27. $\frac{27}{5y^1x^3}$ |
| 28. $\frac{16}{23x^3y^4}$ | 29. $\frac{13a^2}{7a^2}$ | 30. $\frac{3}{1a^5}$ |

Answers Set 10

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|--------------------------|--------------------------|--------------------------|
| 1. $\frac{13y^4}{25a^4}$ | 2. $\frac{9x^6}{4x^2}$ | 3. $\frac{3x^2a^3}{10}$ |
| 4. $\frac{10x^3y^2}{17}$ | 5. $\frac{11}{7x^4}$ | 6. $\frac{24y^4}{25y^6}$ |
| 7. $\frac{15y^5x^1}{1}$ | 8. $\frac{9a^7}{7}$ | 9. $\frac{28a^5}{19a^4}$ |
| 10. $\frac{19}{1y^3x^3}$ | 11. $\frac{5a^1x^5}{1}$ | 12. $\frac{19x^1y^2}{2}$ |
| 13. $\frac{11a^2}{5x^4}$ | 14. $\frac{7x^6y^5}{18}$ | 15. $\frac{7x^1}{9x^3}$ |
| 16. $\frac{12y^4x^1}{1}$ | 17. $\frac{2a^2}{3a^5}$ | 18. $\frac{22x^4}{9x^1}$ |
| 19. $\frac{26a^3x^3}{3}$ | 20. $\frac{9x^7}{23x^3}$ | 21. $\frac{8a^1}{7a^4}$ |
| 22. $\frac{1}{10y^1}$ | 23. $\frac{5x^2x^2}{8}$ | 24. $\frac{30a^4}{1}$ |
| 25. $\frac{9y^5}{2a^3}$ | 26. $\frac{21x^2}{5y^1}$ | 27. $\frac{4a^5}{7y^3}$ |
| 28. $\frac{14}{29}$ | 29. $\frac{7}{3}$ | 30. $\frac{9}{1y^1}$ |