Task card 1 Quotient Rule: Powers Left in the...

$$\frac{10m^4\ n\ p^3}{-6m^8\ n^8\ p^6} = ___$$

Task card 2 Quotient Rule: Powers Left in the...

$$\frac{-9a^6\ b^6\ c^2}{12a^{11}\ b^8\ c^{10}} = ___$$

Task card 3 Quotient Rule: Powers Left in the...

$$\frac{10x^8\ y^6\ z^{10}}{-4x^{12}\ y^2\ z^8} = ___$$

Task card 4 Quotient Rule: Powers Left in the...

$$\frac{16m^{12}\ n^8\ p^{12}}{-12m^6\ n^{12}\ p^3} = ___$$

Task card 5 Quotient Rule: Powers Left in the...

$$\frac{-4x^7\ y^{10}\ z^8}{16x^2\ y^6\ z^{11}} = ___$$

Task card 6 Quotient Rule: Powers Left in the...

$$\frac{-9x^6\ y^5\ z^{12}}{6xy^{11}\ z^3} = ___$$

Task card 7 Quotient Rule: Powers Left in the...

$$\frac{-6x^2\ y^4\ z^8}{4x^{10}\ y^2\ z^3} = ___$$

Task card 8 Quotient Rule: Powers Left in the...

$$\frac{8a^{10}\ b^2\ c^7}{-4a^{12}\ b^6\ c} = ___$$

Task card 9 Quotient Rule: Powers Left in the...

$$\frac{-6x^7\ y^3\ z^6}{2x^8\ y^3\ z^2} = ___$$

Task card 10 Quotient Rule: Powers Left in the...

$$\frac{-3m^2\ n^7\ p^6}{18m^6\ n^2\ p^5} = ___$$

Task card 11 Quotient Rule: Powers Left in the...

$$\frac{6m^{11}\ n^{10}\ p^3}{-2m^8\ n^{10}\ p^{10}} = ___$$

Task card 12 Quotient Rule: Powers Left in the...

$$\frac{-12a^5\ b^{10}\ c^5}{9a^8\ b^{11}\ c^5} = ___$$

Task card 13 Quotient Rule: Powers Left in the...

$$\frac{-12a^5\ b^6\ c}{2a^7\ b^4\ c^5} = ___$$

Task card 14 Quotient Rule: Powers Left in the...

$$\frac{3m^4\ n^4\ p^2}{-12m^8\ n^6\ p^4} = ___$$

Task card 15 Quotient Rule: Powers Left in the...

$$\frac{12m^6\ n^{10}\ p^3}{-9m^7\ n^5\ p^{12}} = ___$$

Task card 16 Quotient Rule: Powers Left in the...

$$\frac{-4a^8\ b^9\ c^9}{20a^9\ b^9\ c} = ___$$

Task card 17 Quotient Rule: Powers Left in the...

$$\frac{-12a^3\ b^6\ c^{10}}{15a^6\ b^{10}\ c^{12}} = ___$$

Task card 18 Quotient Rule: Powers Left in the...

$$\frac{15m^2\ n^9\ p^9}{-3m^9\ n^5\ p^{10}} = ___$$

Task card 19 Quotient Rule: Powers Left in the...

$$\frac{-4m^{10}\,n^{2}\,p^{10}}{24m^{12}\,n^{6}\,p^{6}} = ___$$

Task card 20 Quotient Rule: Powers Left in the...

$$\frac{6a^{12}\,b^{12}\,c^{8}}{-4a^{6}\,b^{6}\,c^{11}} = ___$$

Task card 21 Quotient Rule: Powers Left in the...

$$\frac{3x^{8}\,y^{12}\,z}{-12x^{3}\,y^{11}\,z^{6}} = ___$$

Task card 22 Quotient Rule: Powers Left in the...

$$\frac{-2m^{8}\,n^{3}\,p^{2}}{10mn^{8}\,p^{3}} = ___$$

Task card 23 Quotient Rule: Powers Left in the...

$$\frac{-12ab^{4}\,c^{4}}{2a^{11}\,b^{11}\,c^{5}} = ___$$

Task card 24 Quotient Rule: Powers Left in the...

$$\frac{8x^{12}\,y^{2}\,z^{12}}{-2x^{9}\,y^{9}\,z^{10}} = ___$$

Quotient Rule: Powers Left in the Denominator Task Cards

Recording sheet · Grade 8 · Simplify. Use positive exponents only. Type a fraction with brackets around the bottom, like 2/(3x^3 y^2).

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Quotient Rule: Powers Left in the Denominator Task Cards: Answer Key

Grade 8 · Hard

The answers online

1. $-\frac{5}{3m^4 n^7 p^3}$

2. $-\frac{3}{4a^5 b^2 c^8}$

3. $-\frac{5y^4 z^2}{2x^4}$

4. $-\frac{4m^6 p^9}{3n^4}$

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

6. $-\frac{3x^5 z^9}{2y^6}$

7. $-\frac{3y^2 z^5}{2x^8}$

8. $-\frac{2c^6}{a^2 b^4}$

9. $-\frac{3z^4}{x}$

10. $-\frac{n^5 p}{6m^4}$

11. $-\frac{3m^3}{p^7}$

12. $-\frac{4}{3a^3 b}$

13. $-\frac{6b^2}{a^2 c^4}$

14. $-\frac{1}{4m^4 n^2 p^2}$

15. $-\frac{4n^5}{3mp^9}$

16. $-\frac{c^8}{5a}$

17. $-\frac{4}{5a^3 b^4 c^2}$

18. $-\frac{5n^4}{m^7 p}$

19. $-\frac{p^4}{6m^2 n^4}$

20. $-\frac{3a^6 b^6}{2c^3}$

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

22. $-\frac{m^7}{5n^5 p}$

23. $-\frac{6}{a^{10} b^7 c}$

24. $-\frac{4x^3 z^2}{y^7}$