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

$$\frac{a^3}{a^4} = ___$$

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

$$\frac{b^5}{b^8} = ___$$

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

$$\frac{x^5}{x^8} = ___$$

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

$$\frac{a}{a^7} = ___$$

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

$$\frac{a^4}{a^5} = ___$$

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

$$\frac{y^3}{y^8} = ___$$

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

$$\frac{b^6}{b^8} = ___$$

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

$$\frac{m^2}{m^5} = ___$$

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

$$\frac{12n}{3n^3} = ___$$

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

$$\frac{3y^5}{6y^9} = ___$$

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

$$\frac{2y^2}{8y^6} = ___$$

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

$$\frac{6b^7}{2b^8} = ___$$

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

$$\frac{2a^3}{8a^5} = ___$$

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

$$\frac{12y^7}{3y^9} = ___$$

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

$$\frac{12b}{4b^2} = ___$$

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

$$\frac{2n^5}{6n^6} = ___$$

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

$$\frac{m^5\, n^3}{m^3\, n^9} = ___$$

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

$$\frac{m^9\, n^6}{m^4\, n^7} = ___$$

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

$$\frac{a^3\ b^6}{a^8\ b^4} = ___$$

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

$$\frac{a^6\ b^2}{a^3\ b^9} = ___$$

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

$$\frac{m^8\ n}{mn^2} = ___$$

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

$$\frac{r^8\ s^2}{r^9\ s^3} = ___$$

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

$$\frac{a^9\ b^7}{a^4\ b^8} = ___$$

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

$$\frac{p^9\ q^2}{p^8\ q^7} = ___$$

# 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 · Easy

The answers online

| | | |
|---|---|---|
| **1.** $\frac{1}{a}$ | **2.** $\frac{1}{b^3}$ | **3.** $\frac{1}{x^3}$ |
| **4.** $\frac{1}{a^6}$ | **5.** $\frac{1}{a}$ | **6.** $\frac{1}{y^5}$ |
| **7.** $\frac{1}{b^2}$ | **8.** $\frac{1}{m^3}$ | **9.** $\frac{4}{n^2}$ |
| **10.** $\frac{1}{2y^4}$ | **11.** $\frac{1}{4y^4}$ | **12.** $\frac{3}{b}$ |
| **13.** $\frac{1}{4a^2}$ | **14.** $\frac{4}{y^2}$ | **15.** $\frac{3}{b}$ |
| **16.** $\frac{1}{3n}$ | **17.** $\frac{m^2}{n^6}$ | **18.** $\frac{m^5}{n}$ |
| **19.** $\frac{b^2}{a^5}$ | **20.** $\frac{a^3}{b^7}$ | **21.** $\frac{m^7}{n}$ |
| **22.** $\frac{1}{rs}$ | **23.** $\frac{a^5}{b}$ | **24.** $\frac{p}{q^5}$ |