Task card 1 Quotient Rule of Exponents

$$\frac{7^{7}}{7^{5}} = 7__$$

Task card 2 Quotient Rule of Exponents

$$\frac{3^{5}}{3^{2}} = 3__$$

Task card 3 Quotient Rule of Exponents

$$\frac{5^{9}}{5^{5}} = 5__$$

Task card 4 Quotient Rule of Exponents

$$\frac{4^{9}}{4^{2}} = 4__$$

Task card 5 Quotient Rule of Exponents

$$\frac{4^{7}}{4^{3}} = 4__$$

Task card 6 Quotient Rule of Exponents

$$\frac{7^{7}}{7^{4}} = 7__$$

Task card 7 Quotient Rule of Exponents

$$\frac{7^8}{7^4} = 7__$$

Task card 8 Quotient Rule of Exponents

$$\frac{6^6}{6^3} = 6__$$

Task card 9 Quotient Rule of Exponents

$$\frac{a^{10}}{a^3} = a__$$

Task card 10 Quotient Rule of Exponents

$$\frac{m^{13}}{m^5} = m__$$

Task card 11 Quotient Rule of Exponents

$$\frac{x^{12}}{x^3} = x__$$

Task card 12 Quotient Rule of Exponents

$$\frac{a^7}{a^4} = a__$$

Task card 13 Quotient Rule of Exponents

$$\frac{m^7}{m^2} = m__$$

Task card 14 Quotient Rule of Exponents

$$\frac{n^{13}}{n^8} = n__$$

Task card 15 Quotient Rule of Exponents

$$\frac{m^6}{m^3} = m__$$

Task card 16 Quotient Rule of Exponents

$$\frac{a^{13}}{a^6} = a__$$

Task card 17 Quotient Rule of Exponents

$$\frac{a^{22}}{a^{16}} = a__$$

Task card 18 Quotient Rule of Exponents

$$\frac{y^{14}}{y^2} = y__$$

Task card 19 Quotient Rule of Exponents

$$\frac{a^{22}}{a^{7}} = a__$$

Task card 20 Quotient Rule of Exponents

$$\frac{y^{30}}{y^{9}} = y__$$

Task card 21 Quotient Rule of Exponents

$$\frac{n^{19}}{n^{2}} = n__$$

Task card 22 Quotient Rule of Exponents

$$\frac{a^{11}}{a^{4}} = a__$$

Task card 23 Quotient Rule of Exponents

$$\frac{a^{17}}{a^{4}} = a__$$

Task card 24 Quotient Rule of Exponents

$$\frac{b^{11}}{b^{4}} = b__$$

Quotient Rule of Exponents Task Cards

Recording sheet · Grade 8 · Simplify. Divide powers with the same base by subtracting the exponents.

Name: _____ Date: _____

Scan to check your answers

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 of Exponents Task Cards: Answer Key

Grade 8 · Easy

The answers online

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