Task card 1 Exponential Expressions

$3^9 \div 3^6 = 3__$

Task card 2 Exponential Expressions

$3^5 \div 3^3 = 3__$

Task card 3 Exponential Expressions

$5^8 \div 5^5 = 5__$

Task card 4 Exponential Expressions

$5^{10} \div 5^5 = 5__$

Task card 5 Exponential Expressions

$4^{11} \div 4^6 = 4__$

Task card 6 Exponential Expressions

$4^7 \div 4^4 = 4__$

Task card 7 Exponential Expressions

$5^6 \div 5^2 = 5__$

Task card 8 Exponential Expressions

$5^9 \div 5^4 = 5__$

Task card 9 Exponential Expressions

$4^7 \div 4^2 = 4__$

Task card 10 Exponential Expressions

$5^5 \div 5^3 = 5__$

Task card 11 Exponential Expressions

$5^9 \div 5^5 = 5__$

Task card 12 Exponential Expressions

$5^7 \div 5^4 = 5__$

Task card 13 Exponential Expressions

$2^8 \div 2^4 = 2__$

Task card 14 Exponential Expressions

$4^8 \div 4^4 = 4__$

Task card 15 Exponential Expressions

$2^6 \div 2^3 = 2__$

Task card 16 Exponential Expressions

$2^{11} \div 2^6 = 2__$

Task card 17 Exponential Expressions

$4^5 \div 4^2 = 4__$

Task card 18 Exponential Expressions

$2^6 \div 2^2 = 2__$

Task card 19 Exponential Expressions

$5^7 \div 5^5 = 5__$

Task card 20 Exponential Expressions

$2^8 \div 2^6 = 2__$

Task card 21 Exponential Expressions

$5^5 \div 5^2 = 5__$

Task card 22 Exponential Expressions

$3^7 \div 3^3 = 3__$

Task card 23 Exponential Expressions

$4^{10} \div 4^6 = 4__$

Task card 24 Exponential Expressions

$4^6 \div 4^2 = 4__$

Exponential Expressions Task Cards

Recording sheet · Grade 11 · Simplify each expression. Leave your answer as the missing exponent.

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

Exponential Expressions Task Cards: Answer Key

Grade 11 · Medium

The answers online

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