Task card 1 Exponential Expressions

$(4^4)^2 = 4__$

Task card 2 Exponential Expressions

$(5^2)^3 = 5__$

Task card 3 Exponential Expressions

$(5^4)^4 = 5__$

Task card 4 Exponential Expressions

$(5^4)^3 = 5__$

Task card 5 Exponential Expressions

$(2^4)^2 = 2__$

Task card 6 Exponential Expressions

$(3^5)^2 = 3__$

Task card 7 Exponential Expressions

$(5^5)^4 = 5__$

Task card 8 Exponential Expressions

$(4^3)^4 = 4__$

Task card 9 Exponential Expressions

$(3^4)^4 = 3__$

Task card 10 Exponential Expressions

$(5^5)^3 = 5__$

Task card 11 Exponential Expressions

$(3^2)^4 = 3__$

Task card 12 Exponential Expressions

$(4^3)^2 = 4__$

Task card 13 Exponential Expressions

$(3^2)^3 = 3__$

Task card 14 Exponential Expressions

$(4^4)^3 = 4__$

Task card 15 Exponential Expressions

$(2^3)^2 = 2__$

Task card 16 Exponential Expressions

$(4^2)^3 = 4__$

Task card 17 Exponential Expressions

$(5^2)^2 = 5__$

Task card 18 Exponential Expressions

$(4^5)^4 = 4__$

Task card 19 Exponential Expressions

$(2^3)^3 = 2__$

Task card 20 Exponential Expressions

$(4^5)^3 = 4__$

Task card 21 Exponential Expressions

$(2^4)^4 = 2__$

Task card 22 Exponential Expressions

$(3^5)^4 = 3__$

Task card 23 Exponential Expressions

$(2^5)^4 = 2__$

Task card 24 Exponential Expressions

$(3^3)^4 = 3__$

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 · Hard

The answers online

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