Task card 1 Power Rule of Exponents

$(7^3)^3 = 7__$

Task card 2 Power Rule of Exponents

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

Task card 3 Power Rule of Exponents

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

Task card 4 Power Rule of Exponents

$(7^2)^4 = 7__$

Task card 5 Power Rule of Exponents

$(7^3)^4 = 7__$

Task card 6 Power Rule of Exponents

$(9^5)^4 = 9__$

Task card 7 Power Rule of Exponents

$(8^2)^4 = 8__$

Task card 8 Power Rule of Exponents

$(8^3)^3 = 8__$

Task card 9 Power Rule of Exponents

$(x^7)^5 = x__$

Task card 10 Power Rule of Exponents

$(a^9)^4 = a__$

Task card 11 Power Rule of Exponents

$(a^7)^5 = a__$

Task card 12 Power Rule of Exponents

$(b^5)^3 = b__$

Task card 13 Power Rule of Exponents

$(a^8)^4 = a__$

Task card 14 Power Rule of Exponents

$(b^8)^5 = b__$

Task card 15 Power Rule of Exponents

$(n^9)^2 = n__$

Task card 16 Power Rule of Exponents

$(x^3)^5 = x__$

Task card 17 Power Rule of Exponents

$(n^{10})^8 = n__$

Task card 18 Power Rule of Exponents

$((m^5)^4)^3 = m__$

Task card 19 Power Rule of Exponents

$(y^{12})^5 = y__$

Task card 20 Power Rule of Exponents

$((a^4)^4)^2 = a__$

Task card 21 Power Rule of Exponents

$(m^{11})^6 = m__$

Task card 22 Power Rule of Exponents

$((a^2)^3)^2 = a__$

Task card 23 Power Rule of Exponents

$(y^2)^5 = y__$

Task card 24 Power Rule of Exponents

$((x^4)^2)^3 = x__$

Power Rule of Exponents Task Cards

Recording sheet · Grade 8 · Simplify. Raise a power to a power by multiplying 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

Power Rule of Exponents Task Cards: Answer Key

Grade 8 · Easy

The answers online

1. 9	**2.** 6	**3.** 12
4. 8	**5.** 12	**6.** 20
7. 8	**8.** 9	**9.** 35
10. 36	**11.** 35	**12.** 15
13. 32	**14.** 40	**15.** 18
16. 15	**17.** 80	**18.** 60
19. 60	**20.** 32	**21.** 66
22. 12	**23.** 10	**24.** 24