Task card 1 Laws of Integer Exponents (Mixed R...

Simplify: $x^{5} \cdot x^{-1}$

$= x$___

Task card 2 Laws of Integer Exponents (Mixed R...

Simplify: $\frac{a^{5}}{a^{7}} = a$___

Task card 3 Laws of Integer Exponents (Mixed R...

Simplify: $(a^{5})^{4} =$

a___

Task card 4 Laws of Integer Exponents (Mixed R...

Evaluate: 4^{-3}

Task card 5 Laws of Integer Exponents (Mixed R...

Evaluate: $4^{-6} \cdot 4^{6}$

Task card 6 Laws of Integer Exponents (Mixed R...

Simplify: $a^{-5} \cdot a^{5}$

$= a$___

Task card 7 Laws of Integer Exponents (Mixed R...

Simplify: $\frac{m^8}{m^3} = m__$

Task card 8 Laws of Integer Exponents (Mixed R...

Simplify: $(a^{-2})^4 = a__$

Task card 9 Laws of Integer Exponents (Mixed R...

Simplify: $n^{-4} \cdot n^{-6} = n__$

Task card 10 Laws of Integer Exponents (Mixed R...

Simplify: $\frac{m^4}{m^4} = m__$

Task card 11 Laws of Integer Exponents (Mixed R...

Simplify: $\frac{x^{-8} \cdot x^6}{x^{-8}} = x^{__}$

Task card 12 Laws of Integer Exponents (Mixed R...

Evaluate: 10^{-2}

Task card 13 Laws of Integer Exponents (Mixed R...

Evaluate: $\frac{4^{-3}}{4^{-5}}$

Task card 14 Laws of Integer Exponents (Mixed R...

Simplify: $(3m^5)^3$

(write it as a number times m to a power)

Task card 15 Laws of Integer Exponents (Mixed R...

Simplify: $m^{-3} \cdot m^{__} = m^7$

Task card 16 Laws of Integer Exponents (Mixed R...

Simplify: $\frac{n^8}{n^{__}} = n^6$

Task card 17 Laws of Integer Exponents (Mixed R...

Simplify: $m^{-3} \cdot m^{__} = m^4$

Task card 18 Laws of Integer Exponents (Mixed R...

Simplify: $\frac{x^{-4}}{x^{__}} = x^3$

Task card 19 Laws of Integer Exponents (Mixed R...

Simplify: $\frac{n^{-1} \cdot n^{6}}{n^{-3}} = n$__

Task card 20 Laws of Integer Exponents (Mixed R...

Evaluate: 5^{-2}

Task card 21 Laws of Integer Exponents (Mixed R...

Evaluate: $\frac{3^{-5}}{3^{-5}}$

Task card 22 Laws of Integer Exponents (Mixed R...

Simplify: $(4a^{2})^{3}$

(write it as a number times a to a power)

Task card 23 Laws of Integer Exponents (Mixed R...

Simplify: $n^{4} \cdot n^{-1}$

$= n$__

Task card 24 Laws of Integer Exponents (Mixed R...

Simplify: $\frac{a^{-5}}{a^{4}} = a$__

Laws of Integer Exponents (Mixed Review) Task Cards

Recording sheet · Grade 8 · Simplify or evaluate. Fill in the missing exponent, or write the value as a whole number or fraction.

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

Laws of Integer Exponents (Mixed Review) Task Cards: Answer Key

Grade 8 · Medium

The answers online

1. 4	**2.** -2	**3.** 20
4. $\frac{1}{64}$	**5.** 1	**6.** 0
7. 5	**8.** -8	**9.** -10
10. 0	**11.** 6	**12.** $\frac{1}{100}$
13. 16	**14.** $27m^{15}$	**15.** 4
16. 2	**17.** 1	**18.** -7
19. 8	**20.** $\frac{1}{25}$	**21.** 1
22. $64a^{6}$	**23.** 3	**24.** -9