Task card 1 Exponents (Mixed Review)

$5^4 = ___$

Task card 2 Exponents (Mixed Review)

$3^5 = ___$

Task card 3 Exponents (Mixed Review)

Write $2 \times 2 \times 2 \times 2$ as a power of 2. What is the exponent?

Task card 4 Exponents (Mixed Review)

$3__ = 243$

Task card 5 Exponents (Mixed Review)

$___^5 = 3{,}125$

Task card 6 Exponents (Mixed Review)

Compare using <, > or =: 2^4 ___ 4^2

Task card 7 Exponents (Mixed Review)

A pile starts with 1 coin, and every day the pile becomes 4 times as big. How many coins are in the pile after 4 days?

Task card 8 Exponents (Mixed Review)

Zoe says $3^5 = 15$. That is not right. What is the right value?

Task card 9 Exponents (Mixed Review)

Write $2 \times 2 \times 2 \times 2 \times 2$ as a power of 2. What is the exponent?

Task card 10 Exponents (Mixed Review)

$5__ = 625$

Task card 11 Exponents (Mixed Review)

$___^5 = 243$

Task card 12 Exponents (Mixed Review)

Compare using <, > or =: 5^5 ___ 8^2

Task card 13 Exponents (Mixed Review)

A dish starts with 1 cell, and every hour the number of cells becomes 5 times as big. How many cells are there after 4 hours?

Task card 14 Exponents (Mixed Review)

Leo says $4^4 = 16$. That is not right. What is the right value?

Task card 15 Exponents (Mixed Review)

$3^4 = ___$

Task card 16 Exponents (Mixed Review)

Write $4 \times 4 \times 4 \times 4$ as a power of 4. What is the exponent?

Task card 17 Exponents (Mixed Review)

$5__ = 3{,}125$

Task card 18 Exponents (Mixed Review)

Compare using <, > or =: 3^4 ___ 9^2

Task card 19 Exponents (Mixed Review)

$5^5 = ___$

Task card 20 Exponents (Mixed Review)

$___^4 = 81$

Task card 21 Exponents (Mixed Review)

Compare using <, > or =: 5^4 ___ 5^2

Task card 22 Exponents (Mixed Review)

A dish starts with 1 cell, and every hour the number of cells doubles. How many cells are there after 5 hours?

Task card 23 Exponents (Mixed Review)

Sam says $3^4 = 12$. That is not right. What is the right value?

Task card 24 Exponents (Mixed Review)

Write $5 \times 5 \times 5 \times 5 \times 5$ as a power of 5. What is the exponent?

Exponents (Mixed Review) Task Cards

Recording sheet · Grade 6 · Answer each question.

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

Exponents (Mixed Review) Task Cards: Answer Key

Grade 6 · Hard

The answers online

1. 625	**2.** 243	**3.** 4
4. 5	**5.** 5	**6.** =
7. 256	**8.** 243	**9.** 5
10. 4	**11.** 3	**12.** >
13. 625	**14.** 256	**15.** 81
16. 4	**17.** 5	**18.** =
19. 3125	**20.** 3	**21.** >
22. 32	**23.** 81	**24.** 5