

4TH GRADE

Numerical Patterns

TASK CARDS



THANK YOU FOR YOUR PURCHASE



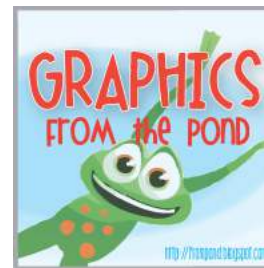
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MATH TASK CARDS

Included in this product are:

- 24 task cards with questions based on the 4th grade math TEKS
- Recording sheet for students to record their answers
- Answer key so that you or the students can check their work

Some ideas for using these cards are:

- Test prep and review
- As a center
- Partner work
- Small group review or activity
- Independent work
- Scavenger hunt
(My personal favorite-hang the cards in random order all around the room. Students hunt for each card and record their answers.)
- Play a whole class game such as Scoot
- Play Quiz-Quiz-Trade

MATH TASK CARDS

Teacher Instructions:

1. Print product on cardstock for durability
2. Laminate and cut apart individual task cards
3. Copy enough answer sheets for each student to have one.
4. Store in a folder, envelope, sealing bag, or hole punch each card and place them on a ring.

1

Identify the numerical pattern shown below

4, 16, 64, 256, ...

2

Create an input-output table to represent the situation. It costs \$7 for the first two people in a family to get into a pool and \$2 for each person after that. How much would it cost for a family of 4, 7, or 9 people to go to the pool?

3

Identify the pattern shown in the table.

INPUT	OUTPUT
12	24
16	28
20	32
24	36

4

If the output is 100 and the rule is divide by 10, what is the input?

5

If the input is twenty-three and the rule is multiply by ten, what is the output?

6

Identify the numerical pattern shown below.

3, 9, 15, 21, ...

7

If the output is 25 and the rule is subtract 27, what is the input?

8

Identify the pattern shown in the table.

INPUT	OUTPUT
13	39
16	48
19	57
22	66

9

Identify the pattern shown in the table.

INPUT	OUTPUT
250	25
300	30
350	35
400	40

10

Create an input-output table to represent the situation.

A roller coaster fits 4 people per car. How many cars would it take to fit 16, 24, and 48 people?

11

Identify the numerical pattern shown below.

400, 100, 25, ...

12

If the output is 32 and the rule is multiply by four, what is the input?

13

If the input is thirty-three and the rule is divide by three, what is the output?

14

Identify the pattern shown in the table.

INPUT	OUTPUT
17	12
25	20
32	27
39	34

15

If the output is 19 and the rule is add 7, what is the input?

16

Identify the numerical pattern shown below.

78, 69, 60, 51, ...

17

Identify the numerical pattern shown below

2, 12, 72, 432, ...

18

Create an input-output table to represent the situation. The tables in the cafeteria fit eight people each. How many tables would be full if there are 48, 64, or 96 people in the cafeteria?

19

Identify the pattern shown in the table.

INPUT	OUTPUT
100	25
160	40
220	55
280	70

20

If the output is 120 and the rule is divide by six, what is the input?

21

If the input is fourteen and the rule is add nineteen, what is the output?

22

Identify the numerical pattern shown below.

500, 100, 20, 4,...

23

If the output is 1,000 and the rule is add 327, what is the input?

24

Identify the pattern shown in the table.

INPUT	OUTPUT
27	19
39	31
51	43
63	55

Name _____ # _____ Date _____

Numerical Patterns Task Cards

1	2 <table border="1"><thead><tr><th>INPUT</th><th>OUTPUT</th></tr></thead><tbody><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></tbody></table>	INPUT	OUTPUT							3	4	5	6
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7	8	9	10 <table border="1"><thead><tr><th>INPUT</th><th>OUTPUT</th></tr></thead><tbody><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></tbody></table>	INPUT	OUTPUT							11	12
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13	14	15	16	17	18 <table border="1"><thead><tr><th>INPUT</th><th>OUTPUT</th></tr></thead><tbody><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></tbody></table>	INPUT	OUTPUT						
INPUT	OUTPUT												
19	20	21	22	23	24								

Answer Key

Numerical Patterns Task Cards

1 multiply by 4	2 <table border="1"><thead><tr><th>INPUT</th><th>OUTPUT</th></tr></thead><tbody><tr><td>4</td><td>11</td></tr><tr><td>7</td><td>17</td></tr><tr><td>9</td><td>21</td></tr></tbody></table>	INPUT	OUTPUT	4	11	7	17	9	21	3 add 12	4 1,000	5 230	6 add 6
INPUT	OUTPUT												
4	11												
7	17												
9	21												
7 52	8 multiply by 2	9 divide by 10	10 <table border="1"><thead><tr><th>INPUT</th><th>OUTPUT</th></tr></thead><tbody><tr><td>16</td><td>4</td></tr><tr><td>24</td><td>6</td></tr><tr><td>48</td><td>12</td></tr></tbody></table>	INPUT	OUTPUT	16	4	24	6	48	12	11 divided by 4	12 8
INPUT	OUTPUT												
16	4												
24	6												
48	12												
13 11	14 subtract 5	15 12	16 subtract 9	17 multiply by 6	18 <table border="1"><thead><tr><th>INPUT</th><th>OUTPUT</th></tr></thead><tbody><tr><td>48</td><td>6</td></tr><tr><td>64</td><td>8</td></tr><tr><td>96</td><td>12</td></tr></tbody></table>	INPUT	OUTPUT	48	6	64	8	96	12
INPUT	OUTPUT												
48	6												
64	8												
96	12												
19 divided by 4	20 720	21 33	22 divided by 5	23 673	24 subtract 8								