

# PATTERNS REVIEW

## 3RD GRADE MATH

### WHAT'S THE RULE?

What is the rule for the pattern below?

122, 132, 142, 152

- A. Add 10
- B. Multiply by 10
- C. Add 11
- D. Subtract 10



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Put an arrow next to the correct answer.

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✓ 4 Activities  
✓ Print & Digital

# What's Included?

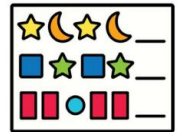
Everything you need for easy small-group or center rotations.

- ✓ 4 Task Card Games
- ✓ 11 Questions Per Game
- ✓ Recording Sheets
- ✓ Answer Keys
- ✓ Print & Digital
- ✓ Color & B/W Versions

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CARD #1

Put an arrow next to the correct answer.

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## FIND THE MISSING NUMBERS



In	2	4	6	8	10	
Out	10		30		50	60


Find the missing numbers in each table above.

CARD #1

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Name: \_\_\_\_\_

### Fill It In: Recording Sheet

1. Missing Number: _____ Rule: _____	2. Missing Number: _____ Rule: _____	3. Missing Number: _____ Rule: _____	4. Missing Number: _____ Rule: _____
5. Missing Number: _____ Rule: _____	6. Missing Number: _____ Rule: _____	7. Missing Number: _____ Rule: _____	8. Missing Number: _____ Rule: _____
9. Missing Number: _____ Rule: _____	10. Missing Number: _____ Rule: _____	11. Missing Number: _____ Rule: _____	

Fill in the missing number and the rule in each box.

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## FILL IT IN

90, 81, 72,  , 54, 45

Rule:

Fill in the number that is missing.  
Fill in the rule.

CARD #1

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## WHAT DO YOU NOTICE?

What do you notice about the patterns in the hundreds chart?

- A. All the numbers are even
- B. The numbers increase by fours
- C. The pattern repeats every two rows
- D. The numbers all end in 5 or 0

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



CARD #1

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# Game #1

# Fill It In

Students figure out the missing number and the rule in each pattern sequence.

## FILL IT IN



90, 81, 72, , 54, 45

Rule:

Fill in the number that is missing.  
Fill in the rule.

CARD #1

© The Lifetime Learner  
RULE: -9

## FILL IT IN



90, 81, 72, , 54, 45

Rule:

Fill in the number that is missing.  
Fill in the rule.

CARD #1

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## FILL IT IN

90, 81, 72, , 54, 45

Rule:

Drag the digits over to fill in the number that is missing. Then, type in the rule.

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## Fill It In: Answer Key

2. Missing Number: 12 Rule: -6	3. Missing Number: 63 Rule: +7	4. Missing Number: 62 Rule: -11
5. Missing Number: 36 Rule: -12	6. Missing Number: 32 Rule: +8	7. Missing Number: 28 Rule: -7
9. Missing Number: 59 Rule: +7	10. Missing Number: 30 Rule: -10	11. Missing Number: 90 Rule: +15

Fill in the missing number and the rule in each box.

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# Game #2

# Find the Missing Numbers

Students write the missing numbers in the boxes on each function table.

## FIND THE MISSING NUMBERS



In	2	4	6	8	10	
Out	10		30		50	60

Find the missing numbers in each table above.

CARD #1

© The Lifetime Learner

## FIND THE MISSING NUMBERS



In	2	4	6	8	10	
Out	10		30		50	60

Find the missing numbers in each table above.

CARD #1

© The Lifetime Learner

## FIND THE MISSING NUMBERS

In	2	4	6	8	10	12
Out	10	20	30	40	50	60

Find the missing numbers in each table above.

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## Missing Numbers: Answer Sheet

<p>2.</p> <p>In: <input type="text" value="12"/></p> <p>Out: <input type="text" value="4"/> <input type="text" value="10"/></p>	<p>3.</p> <p>In: <input type="text" value="45"/></p> <p>Out: <input type="text" value="2"/> <input type="text" value="5"/></p>	<p>4.</p> <p>In: <input type="text" value="67"/></p> <p>Out: <input type="text" value="58"/> <input type="text" value="53"/></p>	
<p>5.</p> <p>In: <input type="text" value="36"/></p> <p>Out: <input type="text" value="10"/> <input type="text" value="16"/></p>	<p>6.</p> <p>In: <input type="text" value="50"/> <input type="text" value="60"/></p> <p>Out: <input type="text" value="6"/></p>	<p>7.</p> <p>In: <input type="text" value="30"/></p> <p>Out: <input type="text" value="120"/> <input type="text" value="180"/></p>	
<p>8.</p> <p>In: <input type="text" value="38"/></p> <p>Out: <input type="text" value="42"/> <input type="text" value="66"/></p>	<p>9.</p> <p>In: <input type="text" value="3"/> <input type="text" value="19"/></p> <p>Out: <input type="text" value="30"/></p>	<p>10.</p> <p>In: <input type="text" value="49"/></p> <p>Out: <input type="text" value="8"/> <input type="text" value="6"/></p>	<p>11.</p> <p>In: <input type="text" value="61"/> <input type="text" value="85"/></p> <p>Out: <input type="text" value="70"/></p>

Write the missing numbers in each box.

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# Game #3

# What Do You Notice?

Students select an answer after looking at the pattern occurring in each hundreds chart.

## WHAT DO YOU NOTICE?

What do you notice about the patterns in the hundreds chart?

- A. All the numbers are even
- B. The numbers increase by fours
- C. The pattern repeats every two rows
- D. The numbers all end in 5 or 0

1	2	3	4	5	6	7	8	9	10
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41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



CARD #1

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## WHAT DO YOU NOTICE?

What do you notice about the patterns in the hundreds chart?

- A. All of the multiples are even numbers.
- B. All of the multiples are odd numbers.
- C. All of the numbers are multiples of 4.
- D. All of the numbers are multiples of 2.

x	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

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## Do You Notice: Answer Key

2.	A,B,D	3.	A,B,C	4.	A,C,D
5.	A	6.	A,D	7.	D
8.	A	9.	B,C	10.	B,C,D
11.	B,C	12.	?		

Write the correct answer(s) in each box.

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71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



CARD #1

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# Game #4

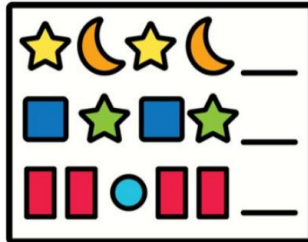
# What's the Rule?

Students analyze the pattern and select the rule for each pattern.

## WHAT'S THE RULE?

What is the rule for the pattern below?  
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- A. Add 10
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- D. Subtract 10



CARD #1

Put an arrow next to the correct answer.

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Put an arrow next to the correct answer.

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## What's the Rule: Answer Key

2.	A	3.	B	4.	C
5.	C	6.	D	7.	D
8.		9.	B	10.	C
		11.	B		

Write the letter of the correct answer choice in each box.

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CARD #1

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# Want more games like this?

## Grab the bundle and save big.

# 3RD GRADE MATH TASK CARD BUNDLE

### CATCH THE BUGS

$8 \div 4$

CATCH THE BUGS

$8 \div 4$

### COLOR IT!

$2+2$

$2 \times 5$   $2+2+2+2$

COLOR IT!

$2 \times 5$   $2+2+2+2$

Find the repeated

### FIND THE ERROR

5,10,15,20,30,35

$6 \times 5$

### FIND THE ERROR

5,10,15,20,30,35

$6 \times 5$

### MAKE AN ARRAY

$3 \times 9 =$

MAKE AN ARRAY

$3 \times 9 =$

### PLOTTING FRACTIONS GAMES

Write the fraction that belongs on top of each animal.

1.

2.

3.

4.

PLOTTING FRACTIONS GAMES

Write the fraction that belongs on top of each animal.

1.

2.

### FLOWER POWER

Water the flowers that round to the hundred below.

209, 125, 234, 227, 246, 155

149, 151, 188, 172, 213

ROUND

ROUNDS TO 200

CARD #2

### COMPLETE THE ACTIVITY

1.  $\frac{2}{4} \times \frac{3}{8}$

2.  $\frac{1}{2} \times \frac{3}{4}$

3.  $\frac{1}{2} \times \frac{3}{8}$

4.  $\frac{1}{2} \times \frac{3}{4}$

COMPLETE THE ACTIVITY

1.  $\frac{2}{4} \times \frac{3}{8}$

4.  $\frac{1}{2} \times \frac{3}{4}$

### FIND AN AREA OF...

32

A.

C.

B.

FIND AN AREA OF... 32

A.

C.

### LUNCH TIME FUN

Uh oh! It looks like there's been a food mix-up! Give the correct Foods to the kid below based on your knowledge of equivalent fractions. Write the answer(s) above each tray.

$\frac{3}{4}$

CARD #2

LUNCH TIME FUN

Uh oh! It looks like there's been a food mix-up! Give the correct Foods to the kid below based on your knowledge of equivalent fractions. Write the answer(s) above each tray.

$\frac{3}{4}$

CARD #2

# 150+

## PRINT & DIGITAL GAMES

