

Patterns

Exit Ticket 8.1: Patterns in the addition table

Name _____ Exit Ticket 8.1

1. Fill in this part of the addition table.

+	2	3	4
9	11		13
10		13	

2. Add. Circle how the sums change.

$$\begin{array}{l} 2 + 5 = \underline{\quad\quad} \quad \text{Up by 1} \\ 3 + 6 = \underline{\quad\quad} \quad \text{Up by 2} \\ 4 + 7 = \underline{\quad\quad} \quad \text{All the same} \end{array}$$

I can find patterns in the addition table.



Name _____ Exit Ticket 8.1

1. Fill in this part of the addition table.

+	2	3	4
9	11		13
10		13	

2. Add. Circle how the sums change.

$$\begin{array}{l} 2 + 5 = \underline{\quad\quad} \quad \text{Up by 1} \\ 3 + 6 = \underline{\quad\quad} \quad \text{Up by 2} \\ 4 + 7 = \underline{\quad\quad} \quad \text{All the same} \end{array}$$

I can find patterns in the addition table.



Name _____ Exit Ticket 8.1

1. Fill in this part of the addition table.

+	2	3	4
9	11		13
10		13	

2. Add. Circle how the sums change.

$$\begin{array}{l} 2 + 5 = \underline{\quad\quad} \quad \text{Up by 1} \\ 3 + 6 = \underline{\quad\quad} \quad \text{Up by 2} \\ 4 + 7 = \underline{\quad\quad} \quad \text{All the same} \end{array}$$

I can find patterns in the addition table.



Name _____ Exit Ticket 8.1

1. Fill in this part of the addition table.

+	2	3	4
9	11		13
10		13	

2. Add. Circle how the sums change.

$$\begin{array}{l} 2 + 5 = \underline{\quad\quad} \quad \text{Up by 1} \\ 3 + 6 = \underline{\quad\quad} \quad \text{Up by 2} \\ 4 + 7 = \underline{\quad\quad} \quad \text{All the same} \end{array}$$

I can find patterns in the addition table.



Patterns

Exit Ticket 8.2: Patterns in the times table

Name _____ Exit Ticket 8.2

1. Fill in the 8s row. Then circle how each number compares to the one above it.

×	3	5	7	4 more
4	12	20	28	double
8				8 more

2. Circle each number in the 9s row.

27 35 54 46 81 64

I can find patterns
in the times table.



Name _____ Exit Ticket 8.2

1. Fill in the 8s row. Then circle how each number compares to the one above it.

×	3	5	7	4 more
4	12	20	28	double
8				8 more

2. Circle each number in the 9s row.

27 35 54 46 81 64

I can find patterns
in the times table.



Name _____ Exit Ticket 8.2

1. Fill in the 8s row. Then circle how each number compares to the one above it.

×	3	5	7	4 more
4	12	20	28	double
8				8 more

2. Circle each number in the 9s row.

27 35 54 46 81 64

I can find patterns
in the times table.



Name _____ Exit Ticket 8.2

1. Fill in the 8s row. Then circle how each number compares to the one above it.

×	3	5	7	4 more
4	12	20	28	double
8				8 more

2. Circle each number in the 9s row.

27 35 54 46 81 64

I can find patterns
in the times table.



Patterns

Exit Ticket 8.3: Odd and even sums and products



Name _____ Exit Ticket 8.3

1. Do not solve. Is each answer odd or even? Circle.

46 + 29 odd even

3 × 6 odd even

2. Circle the sentence that is always true.

Even + even is always odd.

Even + odd is always odd.

I can tell if a sum or product is odd or even.



Name _____ Exit Ticket 8.3

1. Do not solve. Is each answer odd or even? Circle.

46 + 29 odd even

3 × 6 odd even

2. Circle the sentence that is always true.

Even + even is always odd.

Even + odd is always odd.

I can tell if a sum or product is odd or even.



Name _____ Exit Ticket 8.3

1. Do not solve. Is each answer odd or even? Circle.

46 + 29 odd even

3 × 6 odd even

2. Circle the sentence that is always true.

Even + even is always odd.

Even + odd is always odd.

I can tell if a sum or product is odd or even.



Name _____ Exit Ticket 8.3

1. Do not solve. Is each answer odd or even? Circle.

46 + 29 odd even

3 × 6 odd even

2. Circle the sentence that is always true.

Even + even is always odd.

Even + odd is always odd.

I can tell if a sum or product is odd or even.



Patterns

Exit Ticket 8.4: Find the rule and keep it going



Name _____ Exit Ticket 8.4

1. Fill in the blanks. Write the rule.

72, 64, _____, 48, _____, 32

Rule: _____

2. Fill in the blanks. Write the rule.

27, 9, _____, 1

Rule: _____

I can find a rule and
keep a pattern going.



Name _____ Exit Ticket 8.4

1. Fill in the blanks. Write the rule.

72, 64, _____, 48, _____, 32

Rule: _____

2. Fill in the blanks. Write the rule.

27, 9, _____, 1

Rule: _____

I can find a rule and
keep a pattern going.



Name _____ Exit Ticket 8.4

1. Fill in the blanks. Write the rule.

72, 64, _____, 48, _____, 32

Rule: _____

2. Fill in the blanks. Write the rule.

27, 9, _____, 1

Rule: _____

I can find a rule and
keep a pattern going.



Name _____ Exit Ticket 8.4

1. Fill in the blanks. Write the rule.

72, 64, _____, 48, _____, 32

Rule: _____

2. Fill in the blanks. Write the rule.

27, 9, _____, 1

Rule: _____

I can find a rule and
keep a pattern going.



Patterns

Exit Ticket 8.5: Pattern mistakes and positions



Name _____ Exit Ticket 8.5

1. Circle the number that does not fit.
Write the right number.

12 , 19 , 27 , 33 , 40 , 47

It should be _____

2. What number is in the 7th position?
Start at 8. Add 5 each time.

1st	2nd	3rd	4th	5th	6th	7th
8	13	18	_____	_____	_____	

I can find a mistake and
the number at a position.



Name _____ Exit Ticket 8.5

1. Circle the number that does not fit.
Write the right number.

12 , 19 , 27 , 33 , 40 , 47

It should be _____

2. What number is in the 7th position?
Start at 8. Add 5 each time.

1st	2nd	3rd	4th	5th	6th	7th
8	13	18	_____	_____	_____	

I can find a mistake and
the number at a position.



Name _____ Exit Ticket 8.5

1. Circle the number that does not fit.
Write the right number.

12 , 19 , 27 , 33 , 40 , 47

It should be _____

2. What number is in the 7th position?
Start at 8. Add 5 each time.

1st	2nd	3rd	4th	5th	6th	7th
8	13	18	_____	_____	_____	

I can find a mistake and
the number at a position.



Name _____ Exit Ticket 8.5

1. Circle the number that does not fit.
Write the right number.

12 , 19 , 27 , 33 , 40 , 47

It should be _____

2. What number is in the 7th position?
Start at 8. Add 5 each time.

1st	2nd	3rd	4th	5th	6th	7th
8	13	18	_____	_____	_____	

I can find a mistake and
the number at a position.



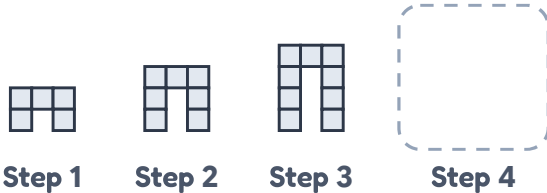
Patterns

Exit Ticket 8.6: Growing and shrinking shape patterns



Name _____ Exit Ticket 8.6

1. Draw step 4. Count its squares.



Step 4 has _____ squares.

2. A shape pattern starts with 18 squares. Each step has 4 fewer. How many squares are in step 4?

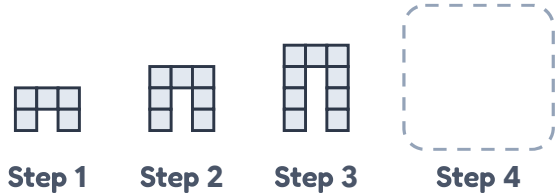
_____ squares

I can draw and count the steps of a shape pattern.



Name _____ Exit Ticket 8.6

1. Draw step 4. Count its squares.



Step 4 has _____ squares.

2. A shape pattern starts with 18 squares. Each step has 4 fewer. How many squares are in step 4?

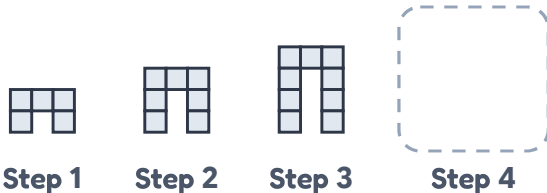
_____ squares

I can draw and count the steps of a shape pattern.



Name _____ Exit Ticket 8.6

1. Draw step 4. Count its squares.



Step 4 has _____ squares.

2. A shape pattern starts with 18 squares. Each step has 4 fewer. How many squares are in step 4?

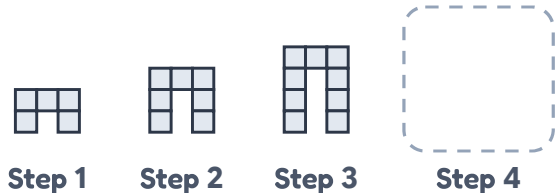
_____ squares

I can draw and count the steps of a shape pattern.



Name _____ Exit Ticket 8.6

1. Draw step 4. Count its squares.



Step 4 has _____ squares.

2. A shape pattern starts with 18 squares. Each step has 4 fewer. How many squares are in step 4?

_____ squares

I can draw and count the steps of a shape pattern.



Patterns

Exit Ticket 8.7: Input-output tables



Name _____ Exit Ticket 8.7

1. Find the rule. Fill in the table.

In	4	6	2	9	
Out	12	18			21

Rule: _____

2. Rule: Subtract 5. Fill in the table.

In	12	20		31
Out	7		4	

I can find and use
the rule of a table.



Name _____ Exit Ticket 8.7

1. Find the rule. Fill in the table.

In	4	6	2	9	
Out	12	18			21

Rule: _____

2. Rule: Subtract 5. Fill in the table.

In	12	20		31
Out	7		4	

I can find and use
the rule of a table.



Name _____ Exit Ticket 8.7

1. Find the rule. Fill in the table.

In	4	6	2	9	
Out	12	18			21

Rule: _____

2. Rule: Subtract 5. Fill in the table.

In	12	20		31
Out	7		4	

I can find and use
the rule of a table.



Name _____ Exit Ticket 8.7

1. Find the rule. Fill in the table.

In	4	6	2	9	
Out	12	18			21

Rule: _____

2. Rule: Subtract 5. Fill in the table.

In	12	20		31
Out	7		4	

I can find and use
the rule of a table.



Patterns

Exit Ticket 8.1: Patterns in the addition table

Name _____ Exit Ticket 8.1

1. Fill in this part of the addition table.

+	2	3	4
9	11	12	13
10	12	13	14

2. Add. Circle how the sums change.

$$2 + 5 = \underline{7} \quad \text{Up by 1}$$

$$3 + 6 = \underline{9} \quad \text{Up by 2}$$

$$4 + 7 = \underline{11} \quad \text{All the same}$$

I can find patterns in the addition table.



Name _____ Exit Ticket 8.1

1. Fill in this part of the addition table.

+	2	3	4
9	11	12	13
10	12	13	14

2. Add. Circle how the sums change.

$$2 + 5 = \underline{7} \quad \text{Up by 1}$$

$$3 + 6 = \underline{9} \quad \text{Up by 2}$$

$$4 + 7 = \underline{11} \quad \text{All the same}$$

I can find patterns in the addition table.



Name _____ Exit Ticket 8.1

1. Fill in this part of the addition table.

+	2	3	4
9	11	12	13
10	12	13	14

2. Add. Circle how the sums change.

$$2 + 5 = \underline{7} \quad \text{Up by 1}$$

$$3 + 6 = \underline{9} \quad \text{Up by 2}$$

$$4 + 7 = \underline{11} \quad \text{All the same}$$

I can find patterns in the addition table.



Name _____ Exit Ticket 8.1

1. Fill in this part of the addition table.

+	2	3	4
9	11	12	13
10	12	13	14

2. Add. Circle how the sums change.

$$2 + 5 = \underline{7} \quad \text{Up by 1}$$

$$3 + 6 = \underline{9} \quad \text{Up by 2}$$

$$4 + 7 = \underline{11} \quad \text{All the same}$$

I can find patterns in the addition table.



Patterns

Exit Ticket 8.2: Patterns in the times table

Name _____ Exit Ticket 8.2

1. Fill in the 8s row. Then circle how each number compares to the one above it.

×	3	5	7	
4	12	20	28	4 more
8	24	40	56	double
				8 more

2. Circle each number in the 9s row.

27 35 **54** 46 **81** 64

I can find patterns
in the times table.



Name _____ Exit Ticket 8.2

1. Fill in the 8s row. Then circle how each number compares to the one above it.

×	3	5	7	
4	12	20	28	4 more
8	24	40	56	double
				8 more

2. Circle each number in the 9s row.

27 35 **54** 46 **81** 64

I can find patterns
in the times table.



Name _____ Exit Ticket 8.2

1. Fill in the 8s row. Then circle how each number compares to the one above it.

×	3	5	7	
4	12	20	28	4 more
8	24	40	56	double
				8 more

2. Circle each number in the 9s row.

27 35 **54** 46 **81** 64

I can find patterns
in the times table.



Name _____ Exit Ticket 8.2

1. Fill in the 8s row. Then circle how each number compares to the one above it.

×	3	5	7	
4	12	20	28	4 more
8	24	40	56	double
				8 more

2. Circle each number in the 9s row.

27 35 **54** 46 **81** 64

I can find patterns
in the times table.



Patterns

Exit Ticket 8.3: Odd and even sums and products



Name _____ Exit Ticket 8.3

1. Do not solve. Is each answer odd or even? Circle.

$46 + 29$ ☒ odd ☐ even

3×6 ☐ odd ☒ even

2. Circle the sentence that is always true.

Even + even is always odd.

☒ Even + odd is always odd.

I can tell if a sum or product is odd or even.



Name _____ Exit Ticket 8.3

1. Do not solve. Is each answer odd or even? Circle.

$46 + 29$ ☒ odd ☐ even

3×6 ☐ odd ☒ even

2. Circle the sentence that is always true.

Even + even is always odd.

☒ Even + odd is always odd.

I can tell if a sum or product is odd or even.



Name _____ Exit Ticket 8.3

1. Do not solve. Is each answer odd or even? Circle.

$46 + 29$ ☒ odd ☐ even

3×6 ☐ odd ☒ even

2. Circle the sentence that is always true.

Even + even is always odd.

☒ Even + odd is always odd.

I can tell if a sum or product is odd or even.



Name _____ Exit Ticket 8.3

1. Do not solve. Is each answer odd or even? Circle.

$46 + 29$ ☒ odd ☐ even

3×6 ☐ odd ☒ even

2. Circle the sentence that is always true.

Even + even is always odd.

☒ Even + odd is always odd.

I can tell if a sum or product is odd or even.



Patterns

Exit Ticket 8.4: Find the rule and keep it going



Name _____ Exit Ticket 8.4

1. Fill in the blanks. Write the rule.

72, 64, 56, 48, 40, 32

Rule: Subtract 8

2. Fill in the blanks. Write the rule.

27, 9, 3, 1

Rule: Divide by 3

I can find a rule and
keep a pattern going.



Name _____ Exit Ticket 8.4

1. Fill in the blanks. Write the rule.

72, 64, 56, 48, 40, 32

Rule: Subtract 8

2. Fill in the blanks. Write the rule.

27, 9, 3, 1

Rule: Divide by 3

I can find a rule and
keep a pattern going.



Name _____ Exit Ticket 8.4

1. Fill in the blanks. Write the rule.

72, 64, 56, 48, 40, 32

Rule: Subtract 8

2. Fill in the blanks. Write the rule.

27, 9, 3, 1

Rule: Divide by 3

I can find a rule and
keep a pattern going.



Name _____ Exit Ticket 8.4

1. Fill in the blanks. Write the rule.

72, 64, 56, 48, 40, 32

Rule: Subtract 8

2. Fill in the blanks. Write the rule.

27, 9, 3, 1

Rule: Divide by 3

I can find a rule and
keep a pattern going.



Patterns

Exit Ticket 8.5: Pattern mistakes and positions

Name _____ Exit Ticket 8.5

1. Circle the number that does not fit.
Write the right number.

12 , 19 , **27** , 33 , 40 , 47

It should be 26

2. What number is in the 7th position?
Start at 8. Add 5 each time.

1st	2nd	3rd	4th	5th	6th	7th
8	13	18	23	28	33	38

I can find a mistake and
the number at a position.



Name _____ Exit Ticket 8.5

1. Circle the number that does not fit.
Write the right number.

12 , 19 , **27** , 33 , 40 , 47

It should be 26

2. What number is in the 7th position?
Start at 8. Add 5 each time.

1st	2nd	3rd	4th	5th	6th	7th
8	13	18	23	28	33	38

I can find a mistake and
the number at a position.



Name _____ Exit Ticket 8.5

1. Circle the number that does not fit.
Write the right number.

12 , 19 , **27** , 33 , 40 , 47

It should be 26

2. What number is in the 7th position?
Start at 8. Add 5 each time.

1st	2nd	3rd	4th	5th	6th	7th
8	13	18	23	28	33	38

I can find a mistake and
the number at a position.



Name _____ Exit Ticket 8.5

1. Circle the number that does not fit.
Write the right number.

12 , 19 , **27** , 33 , 40 , 47

It should be 26

2. What number is in the 7th position?
Start at 8. Add 5 each time.

1st	2nd	3rd	4th	5th	6th	7th
8	13	18	23	28	33	38

I can find a mistake and
the number at a position.

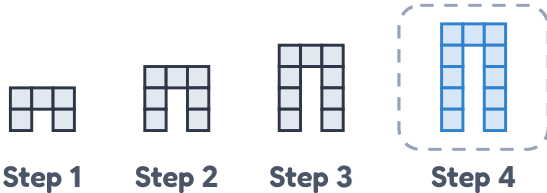


Patterns

Exit Ticket 8.6: Growing and shrinking shape patterns

Name _____ Exit Ticket 8.6

1. Draw step 4. Count its squares.

Step 4 has 11 squares.

2. A shape pattern starts with 18 squares. Each step has 4 fewer. How many squares are in step 4?

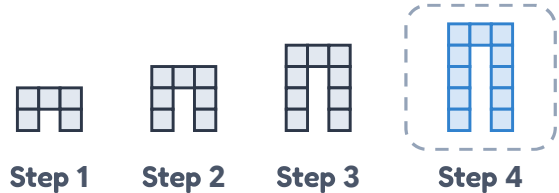
6 squares

I can draw and count the steps of a shape pattern.



Name _____ Exit Ticket 8.6

1. Draw step 4. Count its squares.

Step 4 has 11 squares.

2. A shape pattern starts with 18 squares. Each step has 4 fewer. How many squares are in step 4?

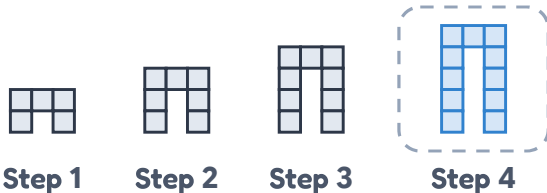
6 squares

I can draw and count the steps of a shape pattern.



Name _____ Exit Ticket 8.6

1. Draw step 4. Count its squares.

Step 4 has 11 squares.

2. A shape pattern starts with 18 squares. Each step has 4 fewer. How many squares are in step 4?

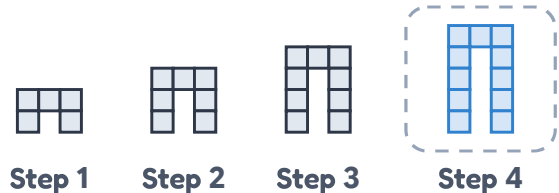
6 squares

I can draw and count the steps of a shape pattern.



Name _____ Exit Ticket 8.6

1. Draw step 4. Count its squares.

Step 4 has 11 squares.

2. A shape pattern starts with 18 squares. Each step has 4 fewer. How many squares are in step 4?

6 squares

I can draw and count the steps of a shape pattern.



Patterns

Exit Ticket 8.7: Input-output tables

Name _____ Exit Ticket 8.7

1. Find the rule. Fill in the table.

In	4	6	2	9	7
Out	12	18	6	27	21

Rule: Multiply by 3

2. Rule: Subtract 5. Fill in the table.

In	12	20	9	31
Out	7	15	4	26

I can find and use
the rule of a table.

Name _____ Exit Ticket 8.7

1. Find the rule. Fill in the table.

In	4	6	2	9	7
Out	12	18	6	27	21

Rule: Multiply by 3

2. Rule: Subtract 5. Fill in the table.

In	12	20	9	31
Out	7	15	4	26

I can find and use
the rule of a table.

Name _____ Exit Ticket 8.7

1. Find the rule. Fill in the table.

In	4	6	2	9	7
Out	12	18	6	27	21

Rule: Multiply by 3

2. Rule: Subtract 5. Fill in the table.

In	12	20	9	31
Out	7	15	4	26

I can find and use
the rule of a table.

Name _____ Exit Ticket 8.7

1. Find the rule. Fill in the table.

In	4	6	2	9	7
Out	12	18	6	27	21

Rule: Multiply by 3

2. Rule: Subtract 5. Fill in the table.

In	12	20	9	31
Out	7	15	4	26

I can find and use
the rule of a table.