A decorative border surrounds the page, featuring a green background with repeating icons of yellow pencils, pink erasers, and white rulers. At the top, there is a blue cloud-like shape. At the bottom, there is a landscape illustration of a beach with a sand dune, water, and a green plant.

# Let's Get Ready For Grade 2

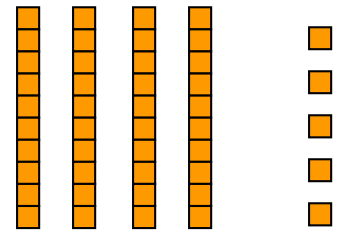
A summer math skills packet to reinforce 1<sup>st</sup>  
Grade topics and prepare our students for  
Grade 2



Name \_\_\_\_\_

# Lesson 1: Ways to Expand Numbers

You can write a number in different ways:



1. You can count the tens and ones:

4 tens 5 ones

2. You can write the number in expanded form:

40 + 5

3. You can write the number in standard form:

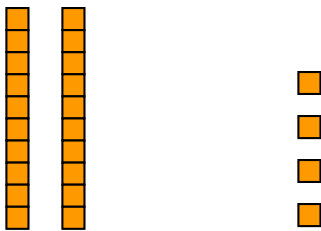
45

Write how many tens and ones.

Write the number in expanded form.

Write the number in standard form.

1.

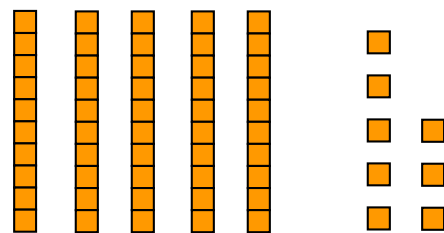


\_\_\_\_\_ tens \_\_\_\_\_ ones

\_\_\_\_\_ + \_\_\_\_\_

\_\_\_\_\_

2.

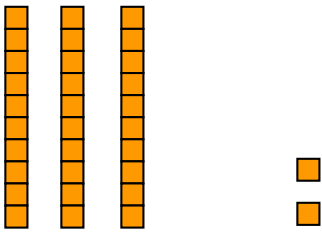


\_\_\_\_\_ tens \_\_\_\_\_ ones

\_\_\_\_\_ + \_\_\_\_\_

\_\_\_\_\_

3.

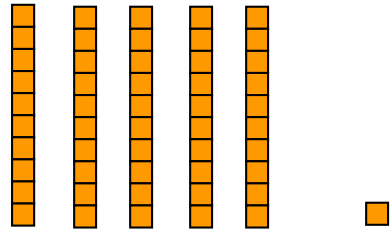


\_\_\_\_\_tens \_\_\_\_\_ones

\_\_\_\_\_ + \_\_\_\_\_

\_\_\_\_\_

4.

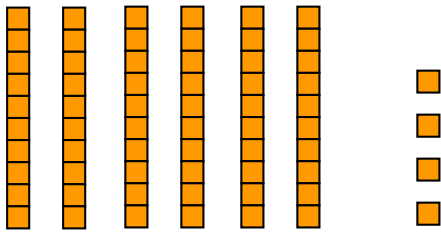


\_\_\_\_\_tens \_\_\_\_\_ones

\_\_\_\_\_ + \_\_\_\_\_

\_\_\_\_\_

5.

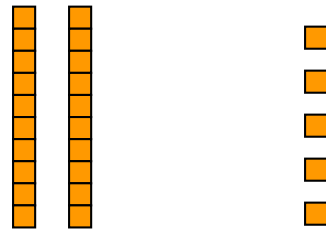


\_\_\_\_\_tens \_\_\_\_\_ones

\_\_\_\_\_ + \_\_\_\_\_

\_\_\_\_\_

6.

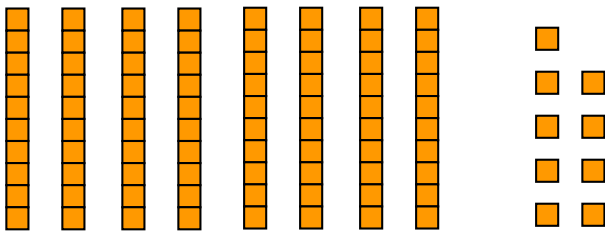


\_\_\_\_\_tens \_\_\_\_\_ones

\_\_\_\_\_ + \_\_\_\_\_

\_\_\_\_\_

7.

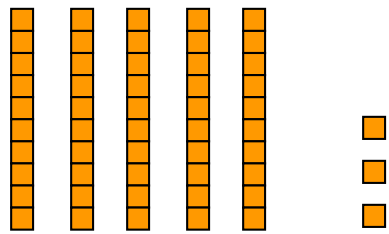


\_\_\_\_\_tens \_\_\_\_\_ones

\_\_\_\_\_ + \_\_\_\_\_

\_\_\_\_\_

8.



\_\_\_\_\_tens \_\_\_\_\_ones

\_\_\_\_\_ + \_\_\_\_\_

\_\_\_\_\_

Name \_\_\_\_\_

## Lesson 2: Identify Place Value

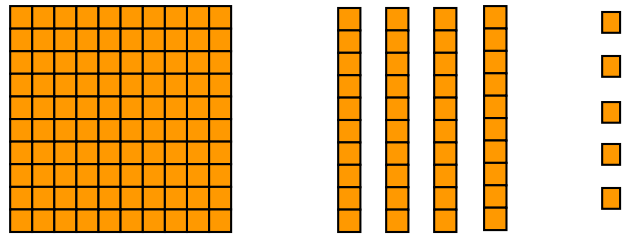
Let's look at the number:

**145**

The **1** in 145 means **1** hundred.

The **4** in 145 means **4** tens.

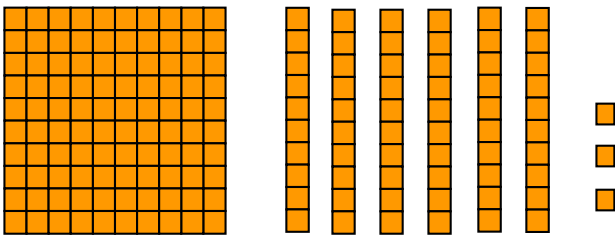
The **5** in 125 means **5** ones.



Hundreds	Tens	Ones
1	4	5

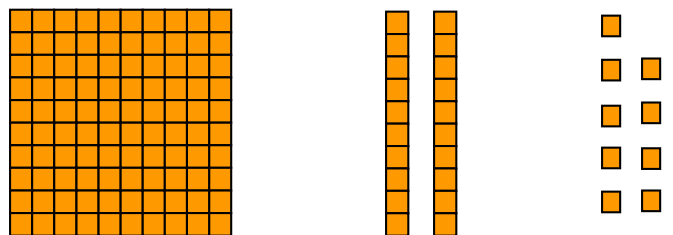
Write how many hundreds, tens, and ones.

1.



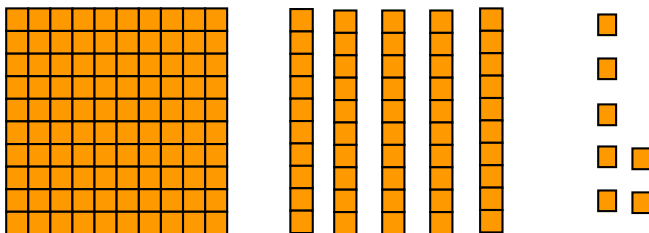
Hundreds	Tens	Ones

2.



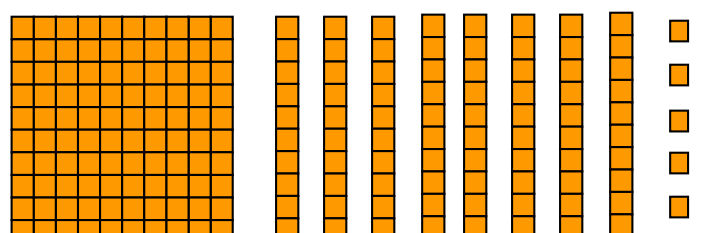
Hundreds	Tens	Ones

3.



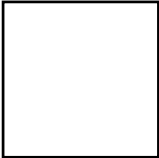
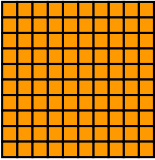
Hundreds	Tens	Ones



4.



Hundreds	Tens	Ones

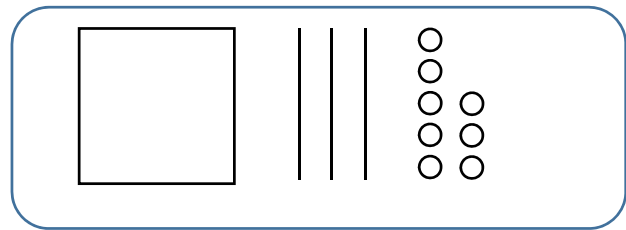
# Draw pictures to show the numbers.

Draw  to show  .

Draw  to show  .

Draw  to show  .

To show 138, draw...



And write...

Hundreds	Tens	Ones
<b>1</b>	<b>3</b>	<b>8</b>

Draw pictures to show the number.

Write how many hundreds, tens, and ones.

	Number	Picture	Place Value						
5.	124		<table border="1"> <thead> <tr> <th>Hundreds</th> <th>Tens</th> <th>Ones</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Hundreds	Tens	Ones			
Hundreds	Tens	Ones							
6.	163		<table border="1"> <thead> <tr> <th>Hundreds</th> <th>Tens</th> <th>Ones</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Hundreds	Tens	Ones			
Hundreds	Tens	Ones							
7.	105		<table border="1"> <thead> <tr> <th>Hundreds</th> <th>Tens</th> <th>Ones</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Hundreds	Tens	Ones			
Hundreds	Tens	Ones							
8.	117		<table border="1"> <thead> <tr> <th>Hundreds</th> <th>Tens</th> <th>Ones</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Hundreds	Tens	Ones			
Hundreds	Tens	Ones							

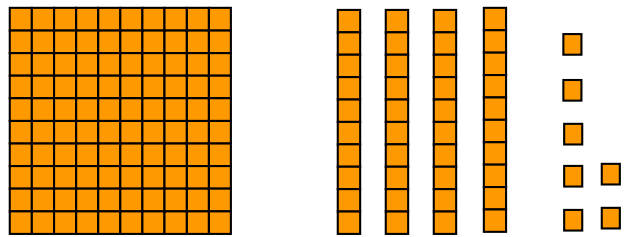
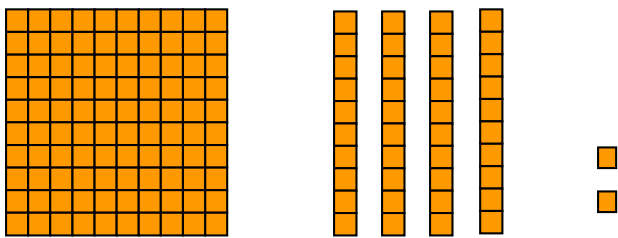
Name \_\_\_\_\_

### Lesson 3: Use place value to compare numbers

You can use models and these symbols to compare numbers.

$>$  means is greater than  
 $<$  means is less than  
 $=$  means is equal to

Use the model to compare 142 and 147



Compare the hundreds.

$$100 = 100$$

If the hundreds are equal... Compare the tens.

$$40 = 40$$

If the tens are equal... Compare the ones.

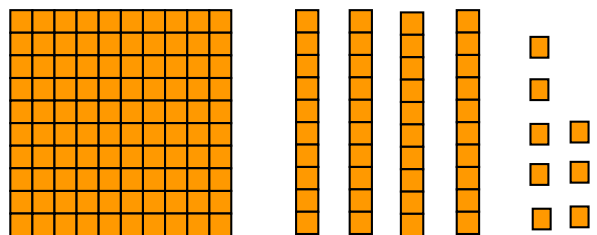
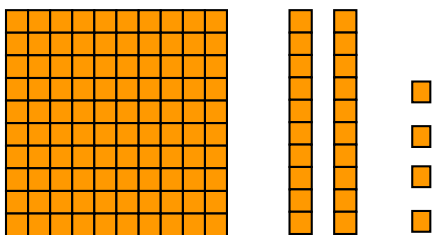
$$2 < 7$$

So, 142 is less than 147.

$$142 < 147.$$

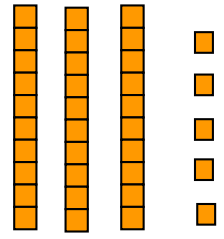
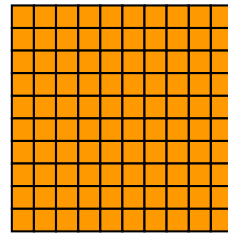
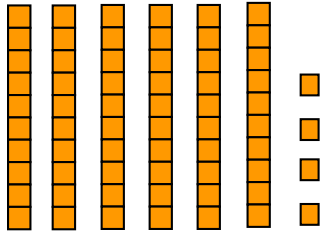
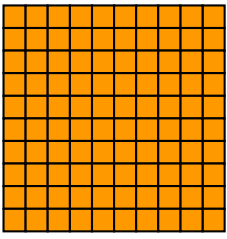
Write the numbers and compare. Write  $<$ ,  $>$ , or  $=$ .

1.



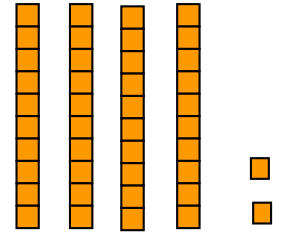
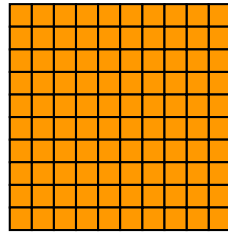
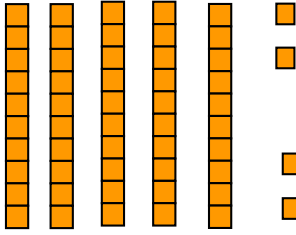
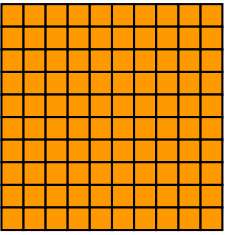
\_\_\_\_\_ ○ \_\_\_\_\_

2.



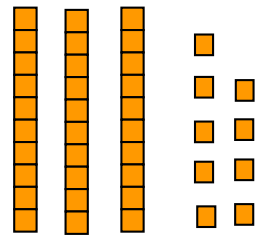
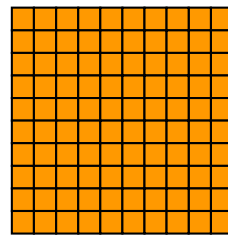
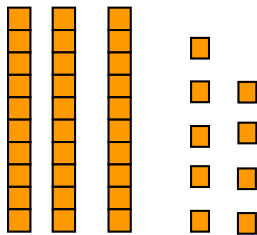
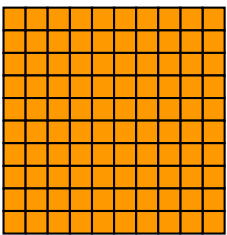
\_\_\_\_\_ ○ \_\_\_\_\_

3.



\_\_\_\_\_ ○ \_\_\_\_\_

4.



\_\_\_\_\_ ○ \_\_\_\_\_

Compare the numbers using  $>$ ,  $<$ , or  $=$ .  
You may wish to make a model to check.

5.  $129 \bigcirc 145$

6.  $193 \bigcirc 179$

7.  $151 \bigcirc 151$

8.  $177 \bigcirc 129$

9.  $132 \bigcirc 132$

10.  $119 \bigcirc 120$



Name \_\_\_\_\_

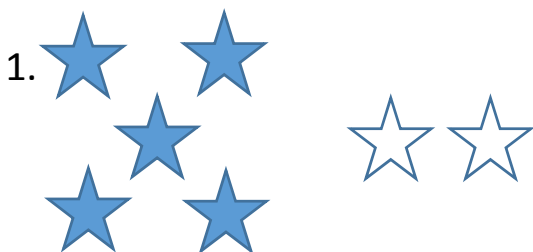
## Lesson 4: Practice Addition Facts

Addition means "put together."



$$6 + 2 = \underline{8}$$

Use the pictures to add.



$$5 + 2 = \underline{\quad}$$



$$3 + 2 = \underline{\quad}$$



$$8 + 1 = \underline{\quad}$$



$$2 + 7 = \underline{\quad}$$



$$7 + 3 = \underline{\quad}$$



$$6 + 3 = \underline{\quad}$$

Draw pictures and solve.

7. Michelle has 4 red flowers.  
She has 5 yellow flowers.  
How many flowers does she have in all?

\_\_\_\_\_ flowers

8. Anthony ate 3 chocolate chip cookies.  
He then ate 4 oatmeal cookies.  
How many cookies did Anthony eat in all?

\_\_\_\_\_ cookies

9. There are 3 black bears.  
There are 2 brown bears.  
How many bears are there in all?

\_\_\_\_\_ bears

10. Kevin has 5 crayons.  
He then gets 3 more crayons.  
How many crayons does he have in all?

\_\_\_\_\_ crayons

11. There are 6 birds flying.  
4 more birds join them.  
How many birds are flying in all?

\_\_\_\_\_ birds

Name \_\_\_\_\_

## Lesson 5: Addition Function Tables

A function table shows a pattern.

At the top of the table is a rule. 

The rule for this function table is add 7.

Add 7	
5	12
6	13
7	14

To complete the table, add 7 to each number on the left.

Follow the rule to complete each table.

1.

Add 2	
7	
8	
9	

2.

Add 3	
5	
6	
9	

3.

Add 4	
7	
8	
9	

4.

Add 6	
5	
7	
9	

5.

Add 5	
4	
6	
8	

6.

Add 8	
4	
5	
6	

7.

Add 6	
4	
8	
10	

8.

Add 2	
3	
7	
9	

9.

Add 7	
7	
8	
9	

10.

Add 5	
8	
1	
4	

11.

Add 6	
4	
6	
8	

12.

Add 9	
6	
5	
4	

## Problem Solving:

David is 5 years old.

Jessica is 8 years old.

Danielle is 9 years old.

How old will each child be in 4 years?

Complete the table to the right.

David	5	
Jessica	8	
Danielle	9	

Name \_\_\_\_\_

## Lesson 6: Practice Subtraction Facts

Subtraction means "take away."



$$6 - 2 = \underline{4}$$

Use pictures to subtract.

1.



$$9 - 2 = \underline{\quad}$$

2.



$$6 - 4 = \underline{\quad}$$

3.



$$8 - 3 = \underline{\quad}$$

4.



$$7 - 6 = \underline{\quad}$$

5.



$$5 - 3 = \underline{\quad}$$

6.



$$9 - 5 = \underline{\quad}$$

7.



$$8 - 5 = \underline{\quad}$$

8.



$$6 - 3 = \underline{\quad}$$

Draw pictures and solve.

9. Danielle picked 8 flowers.  
She gave 3 flowers to her sister.  
How many flowers does she have left?

\_\_\_\_\_ flowers

10. There were 9 cookies on the plate.  
Jennifer ate 3 cookies.  
How many cookies were left on the plate?

\_\_\_\_\_ cookies

11. There were 5 birds on a branch.  
1 bird flew away.  
How many birds were left on the branch?

\_\_\_\_\_ birds

12. David has 5 books.  
4 of the books are red. The rest of the books are blue.  
How many books are blue?

\_\_\_\_\_ books

13. There are 6 blocks.  
3 of the blocks are big. The rest of the blocks are small.  
How many blocks are small?

\_\_\_\_\_ blocks

Name \_\_\_\_\_

## Lesson 7: Subtraction Function Tables

A function table shows a pattern.

At the top of the table is a rule. 

The rule for this function table is subtract 5.

Subtract 5	
12	7
13	8
14	9

To complete the table, subtract 5 from each number on the left.

Follow the rule to complete each table.

1.

Subtract 3	
5	
7	
9	

2.

Subtract 2	
6	
8	
10	

3.

Subtract 4	
7	
9	
11	

4.

Subtract 7	
8	
10	
13	

5.

Subtract 6	
9	
11	
16	

6.

Subtract 8	
8	
10	
12	

7.

<b>Subtract 1</b>	
14	
17	
18	

8.

<b>Subtract 9</b>	
19	
16	
12	

9.

<b>Subtract 3</b>	
15	
12	
7	

10.

<b>Subtract 5</b>	
15	
14	
16	

11.

<b>Subtract 8</b>	
12	
14	
18	

12.

<b>Subtract 4</b>	
14	
18	
5	

## Problem Solving:

Jennifer baked 16 cookies.

Michael baked 13 cookies.

Kevin baked 11 cookies.

How many cookies will each child have left if they each eat 4 of the cookies they baked?

Complete the table to the right.

<b>Jennifer</b>	<b>16</b>	
<b>Michael</b>	<b>13</b>	
<b>Kevin</b>	<b>11</b>	



Name \_\_\_\_\_

## Lesson 8: Follow the rule

Read the rule at the top of each table.

The rule for some tables is to subtract.

The rule for some tables is to add.

Complete the tables.

Add 1	
3	4
5	6
7	8
9	10

Subtract 1	
3	2
5	4
7	6
9	8

Follow the rule to complete each table.

1.

Add 2	
5	
8	
10	
15	

2.

Subtract 1	
19	
11	
10	
7	

3.

Add 4	
10	
6	
12	
9	

4.

Subtract 7	
7	
17	
18	
19	

5.

Add 5	
3	
6	
7	
9	

6.

Subtract 4	
10	
14	
13	
15	

7.

Subtract 6	
8	
10	
12	
13	

8.

Subtract 10	
40	
70	
30	
50	

9.

Add 10	
4	
8	
14	
26	

## Challenge:

Complete the tables below.

Write the rule on top.

_____	
2	
	10
6	12
9	

_____	
18	
15	10
	6
8	

Name \_\_\_\_\_

## Lesson 9: Add 3 Numbers

Using a strategy can help you add three numbers.

Start with 2 numbers that **make a 10**.

$2 + 8 = 10$

$$\begin{array}{r} 2 \\ 6 \\ + 8 \\ \hline 16 \end{array} \quad \begin{array}{r} 10 \\ + 6 \\ \hline 16 \end{array}$$

Start with 2 numbers that will help you to make **double facts**.

$8 + 8 = 16$

$$\begin{array}{r} 2 \\ 6 \\ + 8 \\ \hline 16 \end{array} \quad \begin{array}{r} 8 \\ + 8 \\ \hline 16 \end{array}$$

Start with 1 number and **count on**.

$6 + 8 = 14$

$$\begin{array}{r} 2 \\ 6 \\ + 8 \\ \hline 16 \end{array} \quad \begin{array}{r} 14 \\ + 2 \\ \hline 16 \end{array}$$

Find the sum.

Circle the strategy that you used.

1.

$$\begin{array}{r} 7 \\ 4 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} + \\ \hline \end{array}$$

Make a 10

Doubles fact

Count on

2.

$$\begin{array}{r} 1 \\ 5 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} + \\ \hline \end{array}$$

Make a 10

Doubles fact

Count on

3.

$$\begin{array}{r} 7 \\ 5 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} + \\ \hline \end{array}$$

Make a 10

Doubles fact

Count on

4.

$$\begin{array}{r} 5 \\ 4 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} + \\ \hline \end{array}$$

Make a 10

Doubles fact

Count on

5.

$$\begin{array}{r} 2 \\ 5 \\ + 3 \\ \hline \end{array} \quad + \quad \underline{\hspace{1cm}}$$

Make a 10  
Doubles fact  
Count on

6.

$$\begin{array}{r} 3 \\ 5 \\ + 6 \\ \hline \end{array} \quad + \quad \underline{\hspace{1cm}}$$

Make a 10  
Doubles fact  
Count on

7.

$$\begin{array}{r} 7 \\ 3 \\ + 3 \\ \hline \end{array} \quad + \quad \underline{\hspace{1cm}}$$

Make a 10  
Doubles fact  
Count on

8.

$$\begin{array}{r} 9 \\ 5 \\ + 1 \\ \hline \end{array} \quad + \quad \underline{\hspace{1cm}}$$

Make a 10  
Doubles fact  
Count on

9.

$$\begin{array}{r} 8 \\ 4 \\ + 3 \\ \hline \end{array} \quad + \quad \underline{\hspace{1cm}}$$

Make a 10  
Doubles fact  
Count on

10.

$$\begin{array}{r} 6 \\ 4 \\ + 4 \\ \hline \end{array} \quad + \quad \underline{\hspace{1cm}}$$

Make a 10  
Doubles fact  
Count on

11.

$$\begin{array}{r} 9 \\ 9 \\ + 1 \\ \hline \end{array} \quad + \quad \underline{\hspace{1cm}}$$

Make a 10  
Doubles fact  
Count on

12.

$$\begin{array}{r} 8 \\ 4 \\ + 6 \\ \hline \end{array} \quad + \quad \underline{\hspace{1cm}}$$

Make a 10  
Doubles fact  
Count on

## Problem Solving:

Joseph has 4 black toy cars, 6 red toy cars, and 6 blue toy cars. How many toy cars does Joseph have?

\_\_\_\_\_ toy cars

Name \_\_\_\_\_

## Lesson 10: Add a one-digit number to a two-digit number.

Find the sum:  $43 + 2 = ?$

To find the sum, find how many tens and ones in all.

	Tens	Ones
	4	3
+		2
<hr/>		
	4	5

Tens	Ones
	○ ○ ○
	○ ○

There are 4 tens  
and 5 ones in all

Add. Write the sum.

1. 
$$\begin{array}{r} 32 \\ + 4 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 12 \\ + 7 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 72 \\ + 4 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 53 \\ + 5 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 83 \\ + 4 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 23 \\ + 6 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 91 \\ + 6 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 63 \\ + 5 \\ \hline \end{array}$$

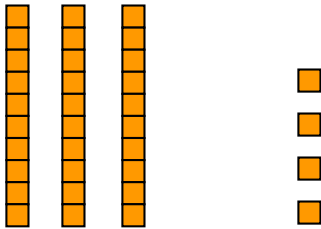
9. 
$$\begin{array}{r} 45 \\ + 4 \\ \hline \end{array}$$

Name \_\_\_\_\_

# Lesson 11: Checkpoint 1

**Lesson 1:** Write how many tens and ones.  
Write the number in expanded form.  
Write the number in standard form.

1.

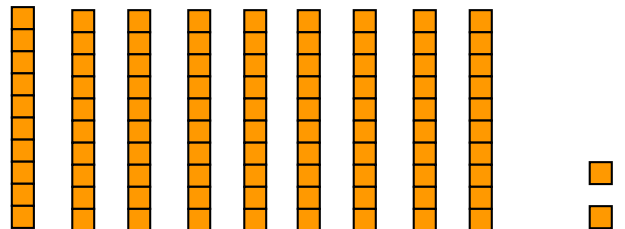


\_\_\_\_\_ tens \_\_\_\_\_ ones

\_\_\_\_\_ + \_\_\_\_\_

\_\_\_\_\_

2.



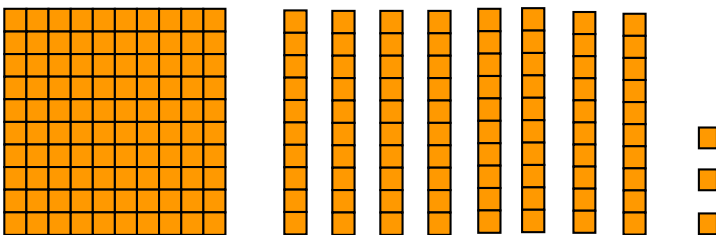
\_\_\_\_\_ tens \_\_\_\_\_ ones

\_\_\_\_\_ + \_\_\_\_\_

\_\_\_\_\_

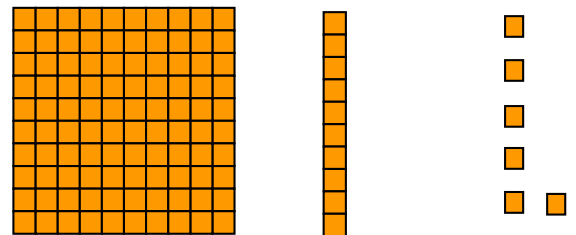
**Lesson 2:** Write how many hundreds, tens, and ones.

3.



Hundreds	Tens	Ones

4.



Hundreds	Tens	Ones

**Lesson 3: Compare the numbers using >, <, or =.**

5. 155 ○ 145

6. 118 ○ 179

7. 124 ○ 124

**Lesson 4 and 5: Add**



$6 + 3 = \underline{\quad}$



$5 + 2 = \underline{\quad}$



$4 + 4 = \underline{\quad}$



$5 + 5 = \underline{\quad}$

12.

Add 8	
5	
7	
9	
10	

13.

Add 6	
5	
6	
9	
12	

14.

Add 9	
4	
5	
6	
9	

15.

Add 1	
8	
11	
14	
16	

16.

Add 7	
5	
7	
8	
10	

17.

Add 3	
4	
7	
8	
10	

## Lesson 6 and 7: Subtract

18.



$$5 - 2 = \underline{\quad}$$

19.



$$4 - 3 = \underline{\quad}$$

20.



$$8 - 2 = \underline{\quad}$$

21.



$$7 - 4 = \underline{\quad}$$

22.

Subtract 3	
10	
9	
7	
5	

23.

Subtract 5	
18	
15	
14	
10	

24.

Subtract 2	
9	
6	
5	
4	

25.

Subtract 4	
8	
11	
14	
16	

26.

Subtract 7	
17	
15	
10	
7	

27.

Subtract 8	
18	
17	
16	
15	



**Lesson 9: Circle the strategy that you used.**

28.

$$\begin{array}{r} 1 \\ 4 \\ + 3 \\ \hline \end{array} \quad + \quad \underline{\hspace{2cm}}$$

- Make a 10
- Doubles fact
- Count on

29.

$$\begin{array}{r} 1 \\ 5 \\ + 9 \\ \hline \end{array} \quad + \quad \underline{\hspace{2cm}}$$

- Make a 10
- Doubles fact
- Count on

30.

$$\begin{array}{r} 8 \\ 5 \\ + 6 \\ \hline \end{array} \quad + \quad \underline{\hspace{2cm}}$$

- Make a 10
- Doubles fact
- Count on

31.

$$\begin{array}{r} 8 \\ 4 \\ + 4 \\ \hline \end{array} \quad + \quad \underline{\hspace{2cm}}$$

- Make a 10
- Doubles fact
- Count on

**Lesson 10: Add. Write the sum.**

32.  $\begin{array}{r} 62 \\ + 4 \\ \hline \end{array}$

33.  $\begin{array}{r} 74 \\ + 5 \\ \hline \end{array}$

34.  $\begin{array}{r} 31 \\ + 6 \\ \hline \end{array}$

35.  $\begin{array}{r} 66 \\ + 3 \\ \hline \end{array}$

36.  $\begin{array}{r} 50 \\ + 8 \\ \hline \end{array}$

37.  $\begin{array}{r} 12 \\ + 6 \\ \hline \end{array}$

Name \_\_\_\_\_

## Lesson 12: Add two-digit numbers.

Find the sum:  $23 + 14 = ?$

To find the sum, find how many tens and ones in all.

	Tens	Ones
	2	3
+	1	4
<hr/>		
	3	7

Tens	Ones
	○ ○ ○
<hr/>	
	○ ○ ○ ○

There are 3 tens  
and 7 ones in all

Add. Write the sum.

1. 
$$\begin{array}{r} 31 \\ + 24 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 65 \\ + 14 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 72 \\ + 14 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 42 \\ + 43 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 83 \\ + 14 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 23 \\ + 36 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 54 \\ + 23 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 23 \\ + 61 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 45 \\ + 34 \\ \hline \end{array}$$

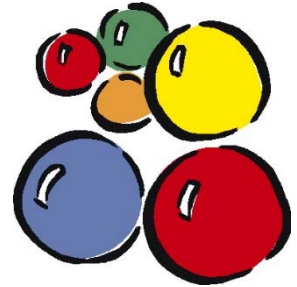
Name \_\_\_\_\_

## Lesson 13: Addition word problems.

Kelly has 26 marbles.

Josephine has 42 marbles.

How many marbles do they have in all?



	Tens	Ones
	2	6
+	4	2
<hr/>		
	6	8

Tens	Ones
	○ ○ ○ ○ ○
<hr/>	
	○ ○

They have 68 marbles in all.

**Show the numbers that you added.**

1. Mark picked 22 apples on Monday. He picked 16 apples on Tuesday. How many apples did he pick in all?

\_\_\_\_\_ apples in all

2. Mary collected 35 box tops for a fundraiser at school. Kelly collected 54 box tops. How many box tops did they collect in all?

\_\_\_\_\_ box tops in all

**3.** Jessica saw 15 dogs in the park on Saturday. She saw 23 dogs in the park on Sunday. How many dogs did she see in all?

\_\_\_\_\_ dogs in all

**4.** Jason scored 17 points during Monday's basketball game. He scored 20 points during Tuesday's basketball game. How many points did he score in all?

\_\_\_\_\_ points in all

**5.** George collected 32 shells at the beach on Saturday. He collected 16 shells at the beach on Sunday. How many shells did George collect in all?

\_\_\_\_\_ shells in all

**6.** John baked 36 chocolate chip cookies. He baked 22 oatmeal cookies. How many cookies did he bake in all?

\_\_\_\_\_ cookies in all

**7.** Franklin has 20 crayons in his coloring box. His mother gives him 42 more crayons. How many crayons does Franklin now have in his coloring box?

\_\_\_\_\_ crayons in all

Name \_\_\_\_\_

## Lesson 14: Repeated Addition

Equal groups have the same number of items in each group.

You can add equal groups to find how many in all.



Here are 5 equal groups of fish.

Each group has 2 fish in it.

Add to find how many fish in all.

$$\underline{2} + \underline{2} + \underline{2} + \underline{2} + \underline{2} = \underline{10}$$

There are 10 fish in all.

Use pictures to show equal groups.

	Number of equal groups	Number in each group	Picture	How many in all?
1.	3	5	Three circles are arranged in a horizontal row. Each circle contains five dots arranged in a pentagonal pattern.	$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$
2.	2	4		$\underline{\quad} + \underline{\quad} = \underline{\quad}$
3.	4	2		$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$

**Draw pictures to show the story.**

**Write the addition sentence to solve.**

- 4.** Loren has 3 jars. She puts 5 flowers in each jar. How many flowers does Loren have?



\_\_\_\_\_ flowers

$$\underline{5} + \underline{5} + \underline{5} = \underline{15}$$

- 5.** Matt plays with 2 friends. He wants to give each friend 4 toy cars. How many toy cars does Matt need?

\_\_\_\_\_ cars

- 6.** Liz shops with 3 friends. She wants to buy each friend 3 hair clips. How many hair clips does Liz need?

\_\_\_\_\_ hair clips

- 7.** Michael makes 5 equal groups of buttons. He puts 4 buttons in each group. How many buttons does Michael have?

\_\_\_\_\_ buttons

- 8.** There are 3 plants. Each plant has 5 leaves. How many leaves are there in all?

\_\_\_\_\_ leaves

Name \_\_\_\_\_

## Lesson 15: Checkpoint 2

Lesson 12: Add. Write the sum.

1. 
$$\begin{array}{r} 28 \\ + 41 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 72 \\ + 16 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 26 \\ + 71 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 66 \\ + 23 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 13 \\ + 52 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 60 \\ + 30 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 20 \\ + 73 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 30 \\ + 41 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 25 \\ + 34 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 60 \\ + 30 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 26 \\ + 52 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 26 \\ + 12 \\ \hline \end{array}$$

**Lesson 13: Show the numbers you added.**

<p>13. Maria read 14 books in July. She read 21 books in August. How many books did she read in July and August in all?</p> <p style="text-align: right;">_____ books in all</p>
<p>14. Michelle did 28 jumping jacks on Monday. She did 40 jumping jacks on Tuesday. How many jumping jacks did she do in all?</p> <p style="text-align: right;">_____ jumping jacks in all</p>
<p>15. Calvin has 62 baseball cards. His brother has 21 baseball cards. How many baseball cards do they have in all?</p> <p style="text-align: right;">_____ baseball cards in all</p>

**Lesson 14: Repeated addition. Use pictures to show equal groups.**

	Number of equal groups	Number in each group	Picture	How many in all?
16.	4	3		____ + ____ + ____ + ____ = ____
17.	3	5		____ + ____ + ____ = ____



**Draw pictures to show the story.**

**Write the addition sentence to solve.**

- 18.** There are 3 shelves. Each shelf has 4 books. How many books are there in all?

\_\_\_\_\_ books

$$\underline{4} + \underline{4} + \underline{4} = \underline{12}$$

- 19.** There are 5 bowls. Each bowl has 3 apples. How many apples are there in all?

\_\_\_\_\_ apples

- 20.** Davis plants 3 rows of flowers. Each row has 5 flowers. How many flowers are there in all?

\_\_\_\_\_ flowers

- 21.** Michael is playing with 4 friends. He wants to give each of his friends 2 cookies. How many cookies does Michael need?

\_\_\_\_\_ cookies

- 22.** Jessica has 3 brothers. She wants to give 2 flowers to each of her brothers. How many flowers does Jessica need?

\_\_\_\_\_ flowers

Name \_\_\_\_\_

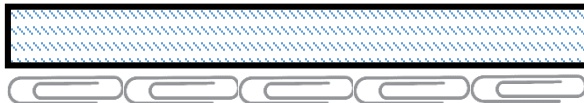
## Lesson 16: Comparing Lengths

You can use non-standard units to measure the length of real things.

Use the  to measure the length of each ribbon.



\_\_\_\_\_ paper clips



\_\_\_\_\_ paper clips



\_\_\_\_\_ paper clips

The  is the **shortest** ribbon.

The  is the **longest** ribbon.

For #1 – 4, measure the ribbons with the paperclips. Write the lengths.

Color the **shortest** ribbon blue.

Color the **longest** ribbon red.

1.



\_\_\_\_\_ paper clips



\_\_\_\_\_ paper clips



\_\_\_\_\_ paper clips

2.



\_\_\_\_\_ paper clips



\_\_\_\_\_ paper clips



\_\_\_\_\_ paper clips

---

3.



\_\_\_\_\_ paper clips



\_\_\_\_\_ paper clips



\_\_\_\_\_ paper clips

---

4.



\_\_\_\_\_ paper clips



\_\_\_\_\_ paper clips



\_\_\_\_\_ paper clips

Name \_\_\_\_\_

## Lesson 17: Using Non-Standard Measurements

You can use non-standard units to measure the length of real things.

A  is short. Use it to measure short things.










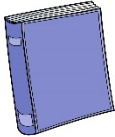





A  is longer. Use it to measure long things.

Circle the units you would use.

Use   to measure 



Use   to measure 

Use real objects. Circle the unit you use to measure. Then measure.







	Object	Unit	Measurement
1.		 	about _____
2.		 	about _____
3.		 	about _____
4.		 	about _____
5.		 	about _____

Name \_\_\_\_\_

# Lesson 18: Time to the Hour and Half Hour



On the Hour	On the Half Hour
<p data-bbox="99 401 496 562">Minute Hand at 12</p>  <p data-bbox="488 548 805 877">Hour Hand at the hour number</p> <p data-bbox="342 1010 505 1083"><u>3:00</u></p>	 <p data-bbox="1227 453 1536 863">Hour Hand past the hour number</p> <p data-bbox="821 831 1219 999">Minute Hand at 6</p> <p data-bbox="1114 1003 1276 1077"><u>3:30</u></p>


Read the clock. Write the time.

<p data-bbox="155 1213 196 1255">1.</p>  <p data-bbox="302 1524 488 1535">_____</p>	<p data-bbox="630 1213 670 1255">2.</p>  <p data-bbox="773 1524 959 1535">_____</p>	<p data-bbox="1109 1213 1149 1255">3.</p>  <p data-bbox="1252 1524 1438 1535">_____</p>
<p data-bbox="155 1602 196 1644">4.</p>  <p data-bbox="302 1902 488 1913">_____</p>	<p data-bbox="630 1602 670 1644">5.</p>  <p data-bbox="854 1902 959 1913">_____</p>	<p data-bbox="1109 1602 1149 1644">6.</p>  <p data-bbox="1252 1902 1438 1913">_____</p>



Name \_\_\_\_\_

## Lesson 19: Use a Pictograph

Our Favorite Kind of Grapes					
	<b>Green Grapes</b>	👤	👤	👤	👤
	<b>Purple Grapes</b>	👤	👤		

Each  stands for 1 child.

**How many children prefer green grapes?**

Count the  in the  row.





5 children

**Which kind of grapes did fewer children prefer?**

Compare the two rows.




purple

**How many more children preferred green grapes to purple grapes?**

Count the  in the  row. Count the  in the  row.  
Subtract the two amounts.  $5 - 2 = 3$

3 children

Use the Picture graph to answer each question.

Our Shirt Colors					
	<b>Red</b>	👤	👤	👤	👤
	<b>Yellow</b>	👤	👤		
	<b>Blue</b>	👤	👤	👤	👤

Each  stands for 1 child.

1. How many children are there in all?

\_\_\_\_\_ children

2. How many children are wearing yellow shirts?

\_\_\_\_\_ children

3. What color shirts are most of the children wearing?

\_\_\_\_\_

Use the picture graph to answer each question.

Our Favorite Foods							
	Pizza						
	Hot dog						
	Hamburger						

Each  stands for 1 child

5. How many children are there in all?

\_\_\_\_\_

6. How many children like hot dogs?

\_\_\_\_\_ children










7. What food did the least amount of children select?

\_\_\_\_\_

8. How many more children like pizza than hot dogs?

\_\_\_\_\_ children

Use the picture graph to answer each question.

Weather for the Week						
	Sun					
	Rain					

Each  stands for 1 day.

9. How many days were sunny?

\_\_\_\_\_ days

10. How many days were rainy?

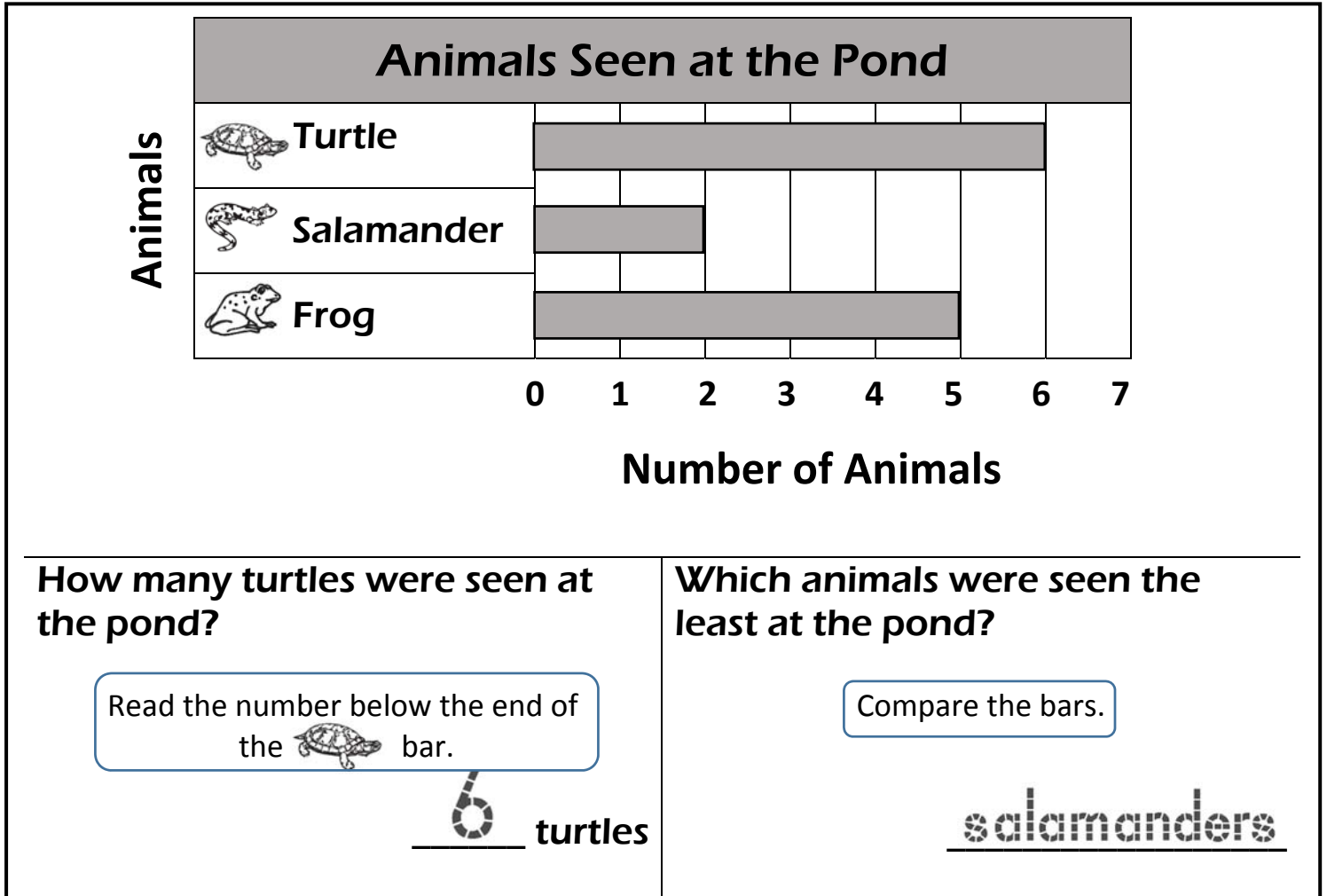
\_\_\_\_\_ days

11. How many more days were sunny than rainy?

\_\_\_\_\_ days

Name \_\_\_\_\_

## Lesson 20: Use a Bar Graph



Use the bar graph above to answer the questions.

1. How many salamanders were seen at the pond?

\_\_\_\_\_ salamanders

2. How many frogs were seen at the pond?

\_\_\_\_\_ frogs

3. How many fewer salamanders than frogs were seen at the pond?

\_\_\_\_\_ fewer salamanders

4. How many animals in all were seen at the pond?

\_\_\_\_\_ animals



Use the bar graph to answer the questions.

5. Which fruit did the most number of children choose?

\_\_\_\_\_

6. Which fruit did exactly 5 children choose?

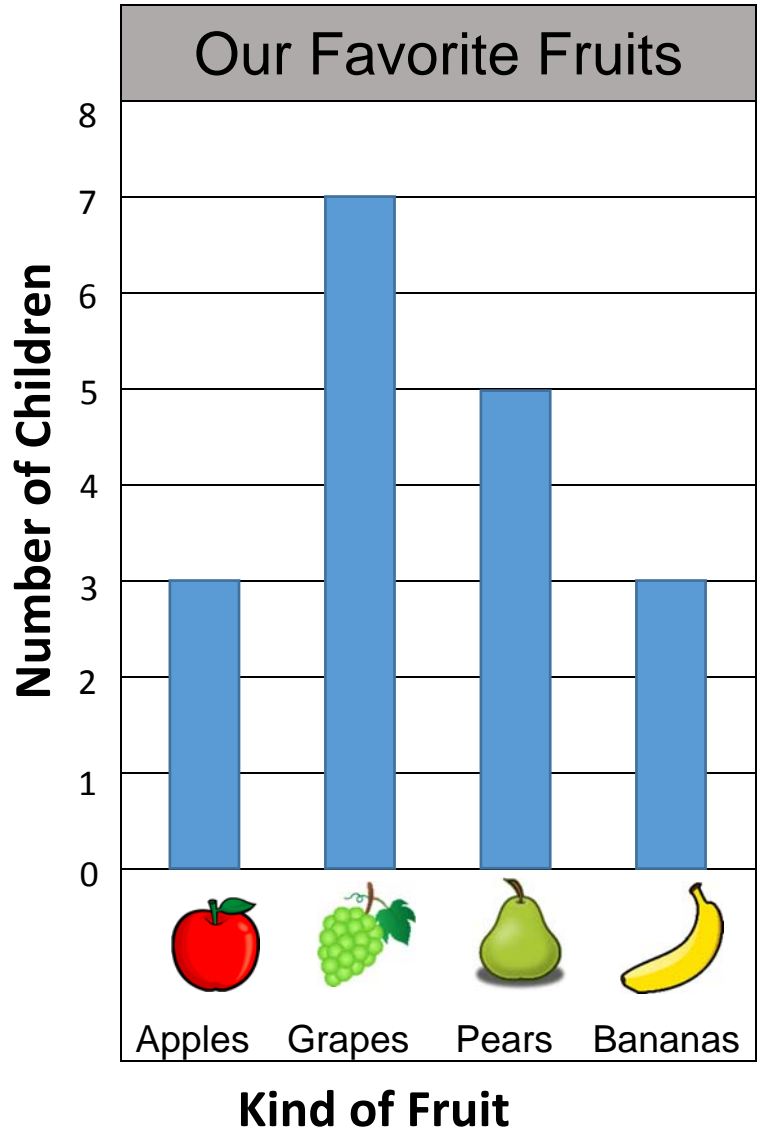
\_\_\_\_\_

7. How many children chose apples?

\_\_\_\_\_ children

8. How many children chose grapes?

\_\_\_\_\_ children



9. How many more children chose grapes than apples?

\_\_\_\_\_ children

10. What fruit did the same number of children choose?

\_\_\_\_\_ and \_\_\_\_\_

11. How many fewer children chose bananas than pears?

\_\_\_\_\_ children

12. How many children were there in all?

\_\_\_\_\_ in all

Name \_\_\_\_\_

## Lesson 21: Take a survey

You can take a survey to collect information.

Each tally mark helps you keep track of the information you collect.

Christopher took a survey of his family's favorite lunch. The tally chart shows their answers.

3 children chose sandwich

6 children chose pizza

1 child chose salad

### Our Favorite Lunch

Lunch	Tally
Sandwich	
Pizza	<del>    </del>
Salad	

The most children chose pizza as their favorite lunch.

Take a survey of 10 family members or friends. Ask them which lunch is their favorite. Use tally marks to show their answers.

1. How many people chose sandwich?

\_\_\_\_\_ people

2. How many people did **not** choose sandwich?

\_\_\_\_\_ people

3. Did more people choose pizza or taco?

\_\_\_\_\_

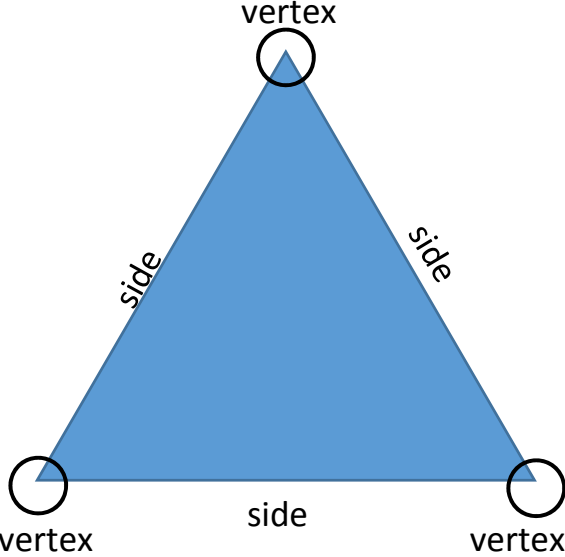
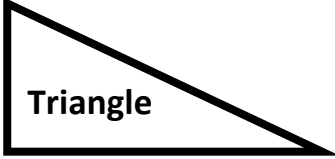




### Our Favorite Lunch

Lunch	Tally
Sandwich	
Pizza	
Salad	
Taco	

4. The most people chose \_\_\_\_\_ as their favorite lunch.

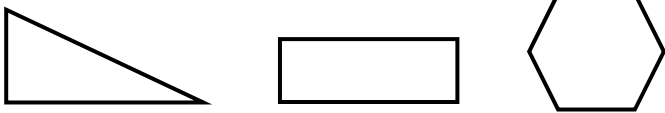
Name \_\_\_\_\_

## Lesson 22: Identify Shapes

 <p>vertex</p> <p>side</p> <p>side</p> <p>side</p> <p>vertex</p> <p>vertex</p>	 <p>Triangle</p> <p>3 sides</p> <p>3 vertices</p>	 <p>Hexagon</p> <p>6 sides</p> <p>6 vertices</p>
 <p>Rectangle</p>  <p>Square</p>  <p>Trapezoid</p> <p>4 sides; 4 vertices</p>		

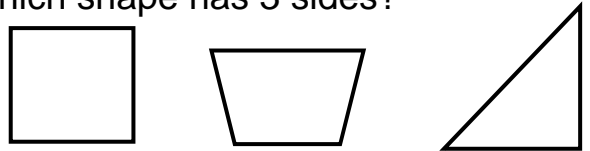
Circle to answer the question. Then write the shape name.

1. Which shape has 4 vertices?



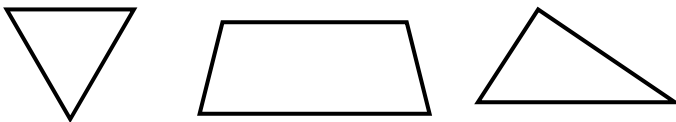
\_\_\_\_\_

2. Which shape has 3 sides?



\_\_\_\_\_

3. Which shape has 4 sides?



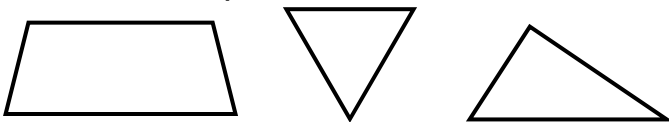
\_\_\_\_\_

4. Which shape has 6 sides?



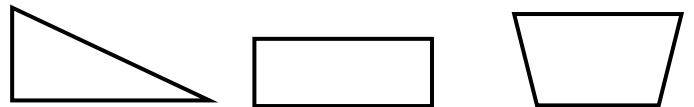
\_\_\_\_\_

5. Which shape **does not** have 3 sides?



\_\_\_\_\_

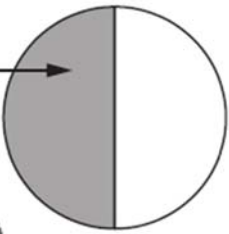
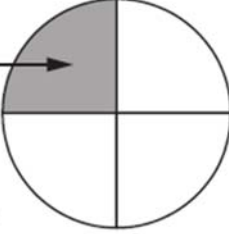
6. Which shape **does not** have 4 sides?



\_\_\_\_\_

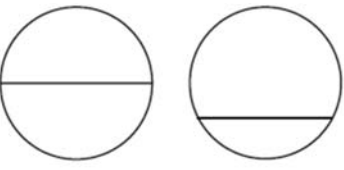
Name \_\_\_\_\_

# Lesson 23: Equal Shares

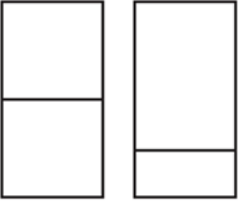
<p><u>2</u> equal shares</p> <p>half of the circle → </p> <p><u>2</u> halves</p>	<p><u>4</u> equal shares</p> <p>a fourth of the circle → </p> <p><u>4</u> fourths</p>
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Circle the shape that shows equal shares.


Write the number of equal shares.

1. 

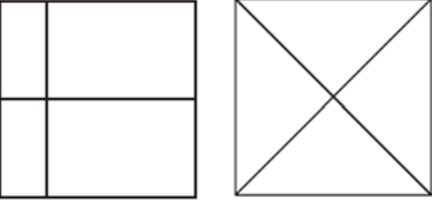
\_\_\_\_\_ equal shares

2. 

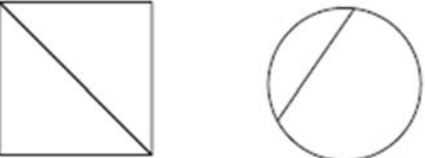
\_\_\_\_\_ equal shares

3. 

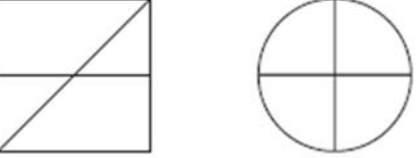
\_\_\_\_\_ equal shares

4. 

\_\_\_\_\_ equal shares

5. 

\_\_\_\_\_ equal shares

6. 

\_\_\_\_\_ equal shares