



**Al Noor International School**  
Riyadh, KSA

# **MATH**

# **Workbook**

# **(KG3)**

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

**Grade:** \_\_\_\_\_

**Academic Year:** \_\_\_\_\_

NAME:

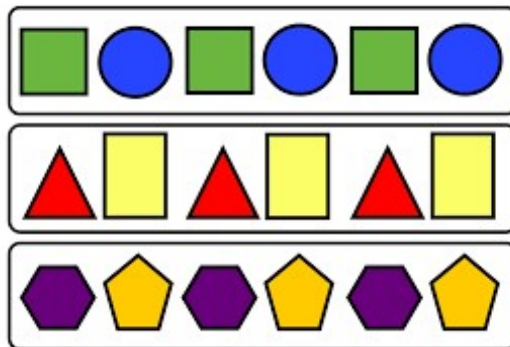
KG Level/Section:

## Lesson 1 Simple Patterns

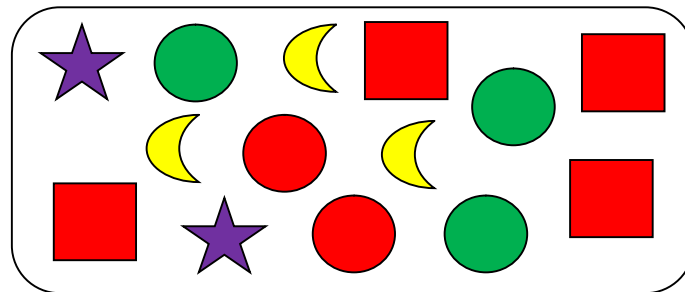
### Creating Simple Patterns

Any sets of shapes, numbers, letters or objects that are repeated over and over again are **patterns**.

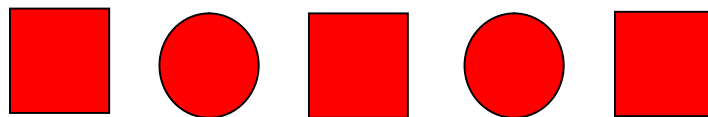
Examples:



Can you make your own pattern using the following shapes?



Example:



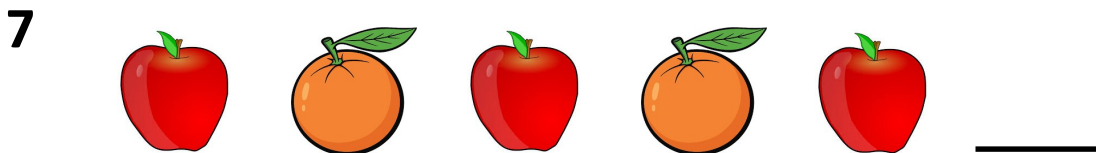
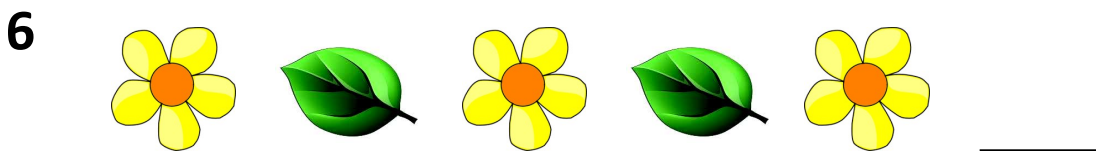
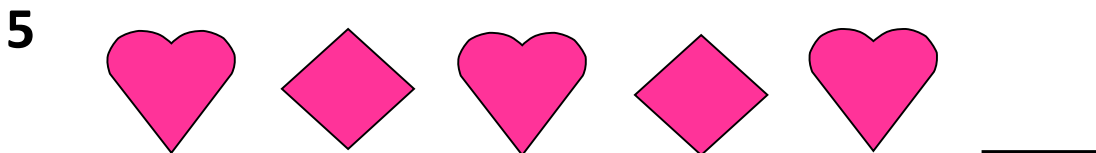
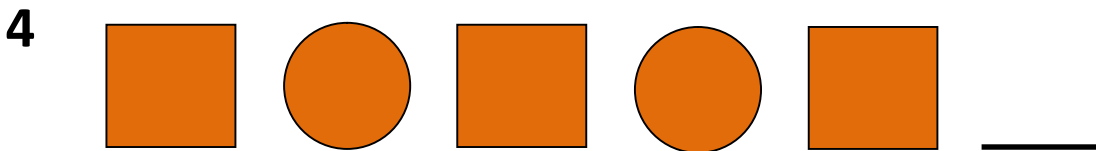
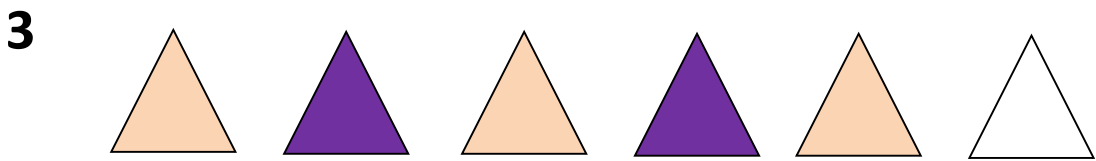
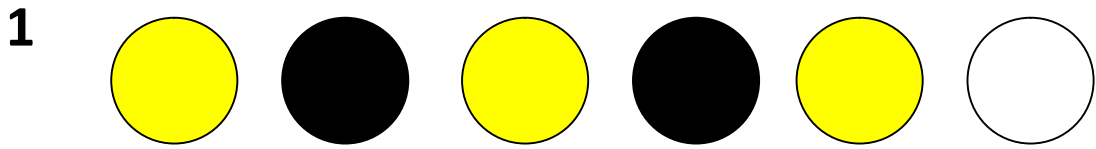
1.



2.

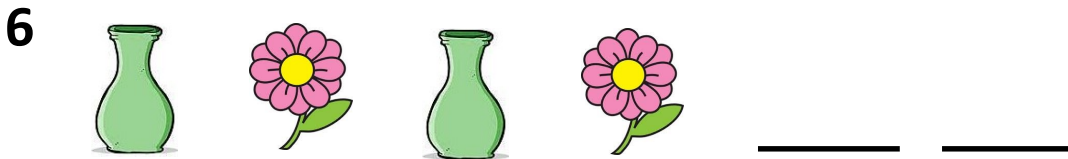
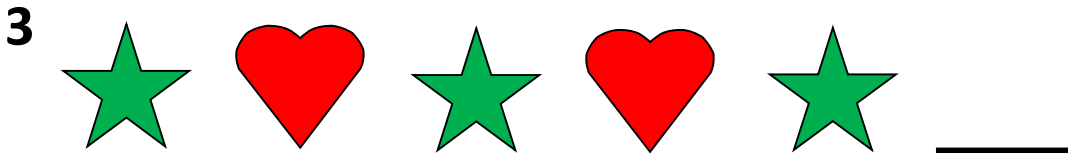
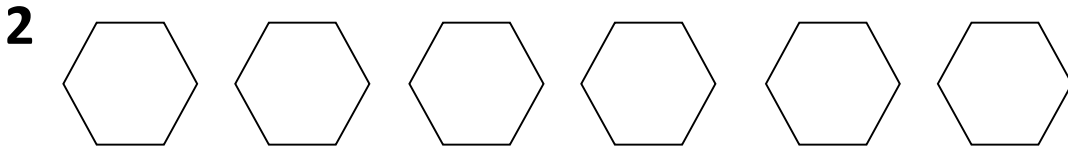
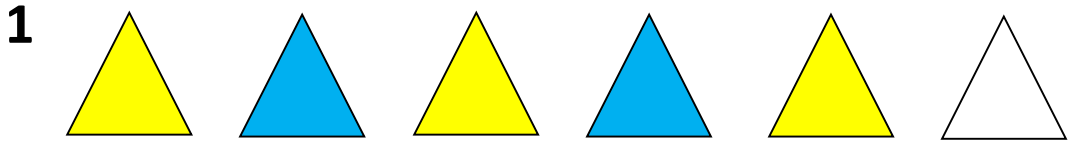


# Activity 1



**Directions:** Exercises 1-3: Color the shape at the end of each row to show which color comes next in the patterns. Exercises 4-5: Draw the shape that comes next in the pattern at the end of each row. Exercises 6-7: Draw to show the object that comes next in the pattern at the end of each row.

# Home Activity



**Directions:** Exercise 1: Color the last shape to show what color comes next in the pattern. Exercise 2: Make your own color pattern. Exercise 3: Draw the shape that comes next in the pattern. Exercise 4: Make your own shape pattern. Exercises 5-6: Draw to show the object or objects that come next in the pattern. Exercise 7: Make your own object pattern.

NAME:

KG Level/Section:

# Lesson 2: Days of the Week

## Days of the Week

Saturday

Wednesday

Sunday

Friday

Thursday

Tuesday

Monday

How many days  
are there in a  
week?

What is the  
last day of the

What is the  
first day of the  
week?



If today is  
Monday, what  
day will be  
tomorrow?

**Directions:** Let us help Carlo arrange the names of the week in order. Let us help him answer the questions, too.

# Activity 1



She is Anna.

On Monday, she reads books.

On Tuesday, she writes stories.

On Wednesday, she studies English.

On Thursday, she plays with the ball.

On Friday, she goes to the park.

On Saturday, she eats pizza.

On Sunday, she sleeps all day.

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday

study

sleep

write

go

read

play

eat

When does she play with the ball?

On Tuesday

On Thursday

When does she go to the park?

On Friday

On Saturday

When does she study?

On Wednesday

On Monday

When does she eat pizza?

On Saturday

On Sunday

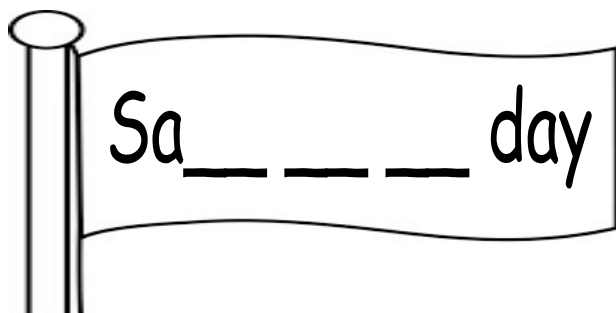
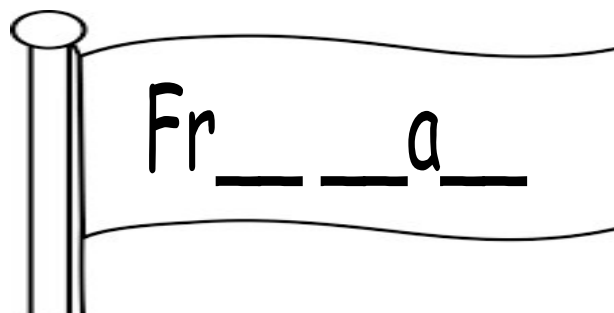
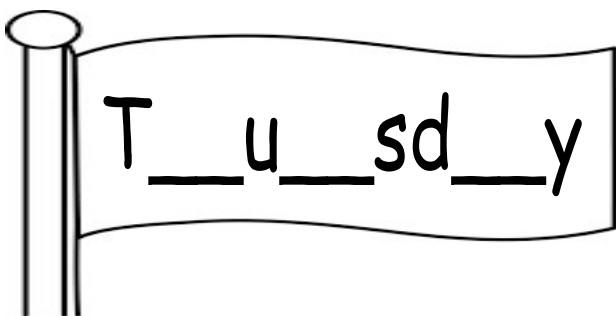
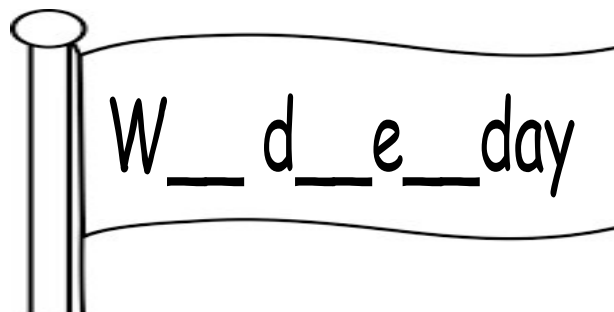
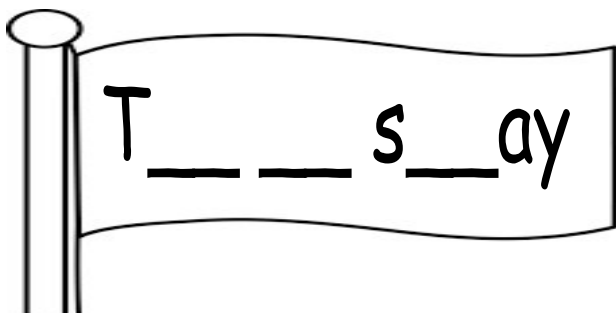
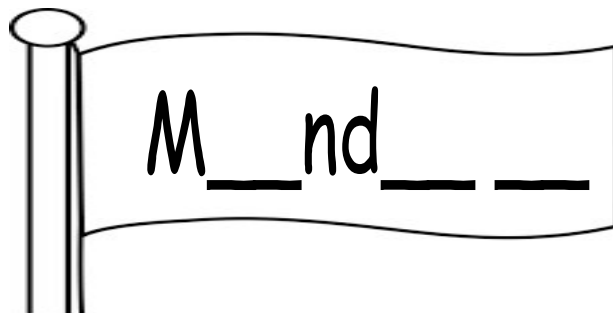
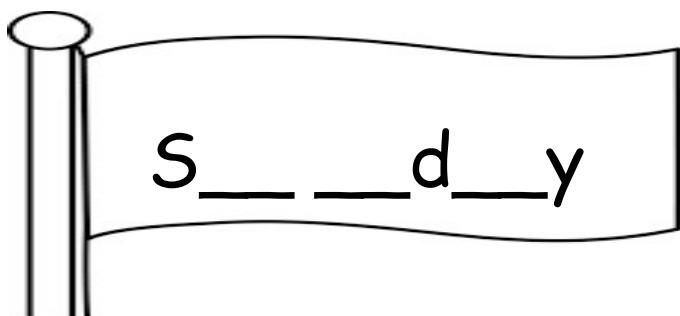
When does she write?

On Tuesday

On Thursday

**Directions:** Look at the pictures. Complete the table about Anna's routine. Then answer the following questions.

# Home Activity



**Directions:** Fill in the missing letters to complete the days of the week.

NAME:

KG Level/Section:

# Lesson 3: Months of the Year



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

**Directions:** Name the months of the year then write them in correct order.



# Activity

How many months are there in a year?  
\_\_\_\_\_

Which month comes before December?  
\_\_\_\_\_

Which month comes after January?  
\_\_\_\_\_

Which month comes before September?  
\_\_\_\_\_

Which month is between March and May?  
\_\_\_\_\_

Which is the first month of the year?  
\_\_\_\_\_

Which month comes before June?  
\_\_\_\_\_

Which is the last month of the year?  
\_\_\_\_\_

Which is the sixth month of the year?  
\_\_\_\_\_

**Directions:** Read the question in each box and write the answer on the line.

# Home Activity

January

March

August

September

October

November

December

February

April

May

**Directions:** Complete the months in each row. Write the month that comes before or after.

NAME:

KG Level/Section:

## Lesson 4: Ordinal Numbers



First

1<sup>st</sup>



Second

2<sup>nd</sup>



Third

3<sup>rd</sup>



Fourth

4<sup>th</sup>



Fifth

5<sup>th</sup>

The  is in the \_\_\_\_\_ spot.

The  is in the \_\_\_\_\_ spot.

The  is in the \_\_\_\_\_ spot.

The  is in the \_\_\_\_\_ spot.

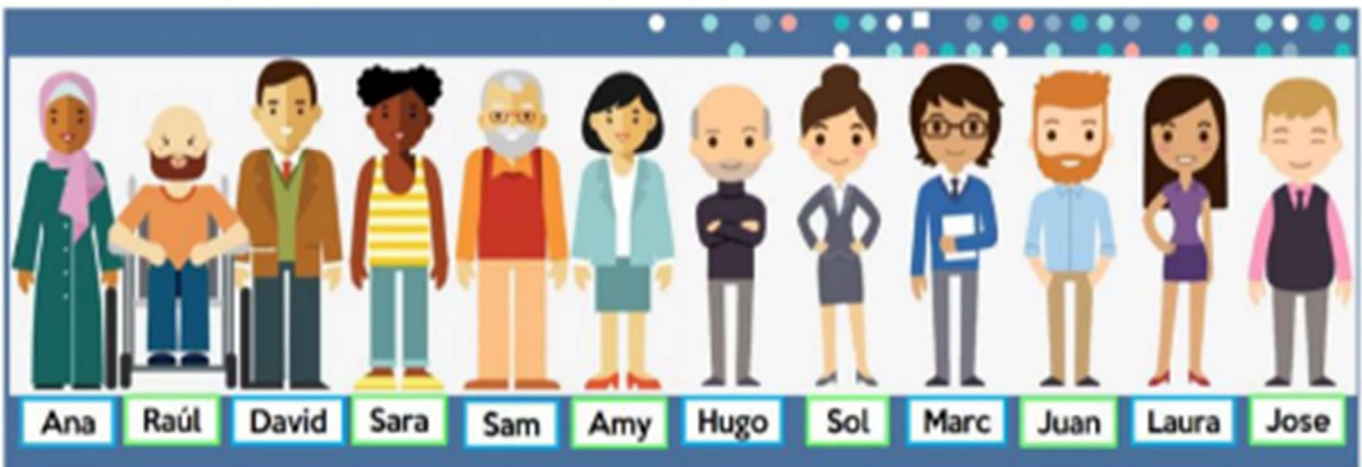
The  is in the \_\_\_\_\_ spot.

**Directions:** Fill in the blanks with first, second, third, fourth or fifth.

# Activity 1

## ORDINAL NUMBERS

Complete the sentences with an ORDINAL NUMBER, according to the next picture.



EXAMPLE: Amy is in the **sixth** place.

EXAMPLE: Hugo is in the **seventh** place.

1. Ana is in the  place.

2. Sam is in the  place.

3. Sol is in the  place.

4. Laura is in the  place.

5. Jose is in the  place.

6. Sara is in the  place.











7. Juan is in the  place.

8. David is in the  place.

9. Raúl is in the  place.

10. Marc is in the  place.

# Home Activity

									
1st First	2nd Second	3rd Third	4th Fourth	5th Fifth	6th Sixth	7th Seventh	8th Eighth	9th Ninth	10th Tenth



5th  
Fifth

7th  
Seventh

9th  
Ninth



4th  
Fourth

2nd  
Second

8th  
Eighth



10th  
Tenth

6th  
Sixth

5th  
Fifth



3rd  
Third

8th  
Eighth

4th  
Fourth



5th  
Fifth

3rd  
Third

1st  
Ninth



10th  
Tenth

6th  
Sixth

7th  
Seventh

**Directions:** Tick the box that indicates the ordinal number of each animal.

NAME:

KG Level/Section:

## Lesson 5: Number Names (One to Ten)

three •	• 1
five •	• 2
nine •	• 3
four •	• 4
two •	• 5
seven •	• 6
one •	• 7
ten •	• 8
eight •	• 9
six •	• 10



**Directions:** Let us help Carlo to match the number to its number name or number word.

# Activity 1

## Number names (1-10)



O N  
E



I S  
X



W O  
T



E V  
S E N



T E  
H R E



E T G  
I H



F O  
U R



N I  
N E

**Directions:** Unscramble the letters and write the correct number names or number words.

# Home Activity

1 one

--	--

--	--	--

--	--	--

--

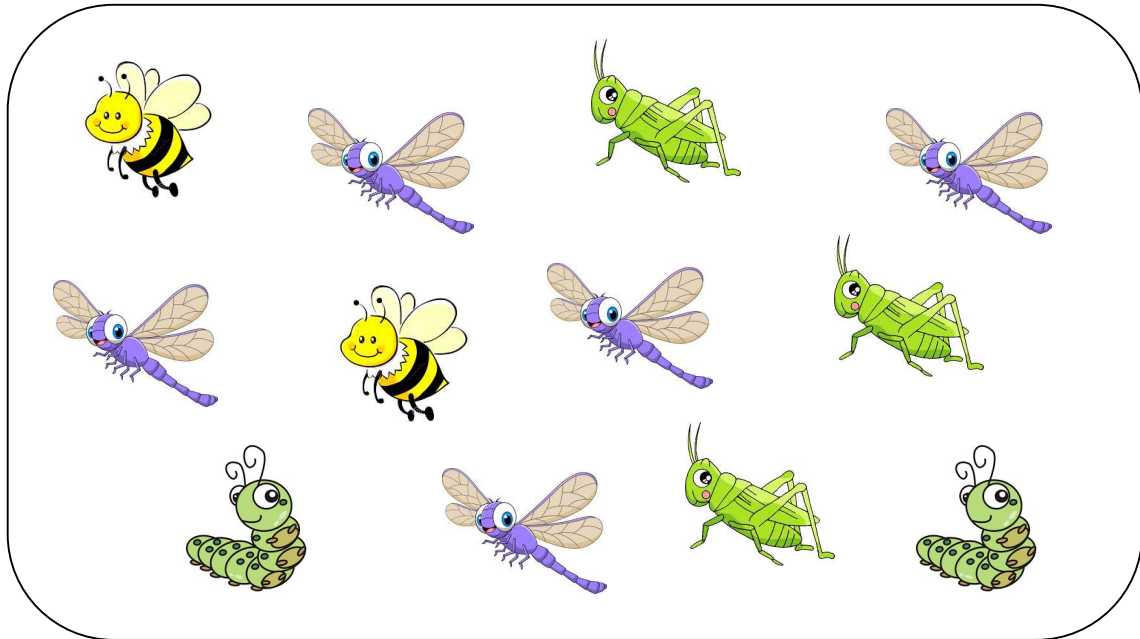
**Directions:** Write numbers 1 to 10 and the number words on the space provided.


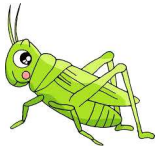




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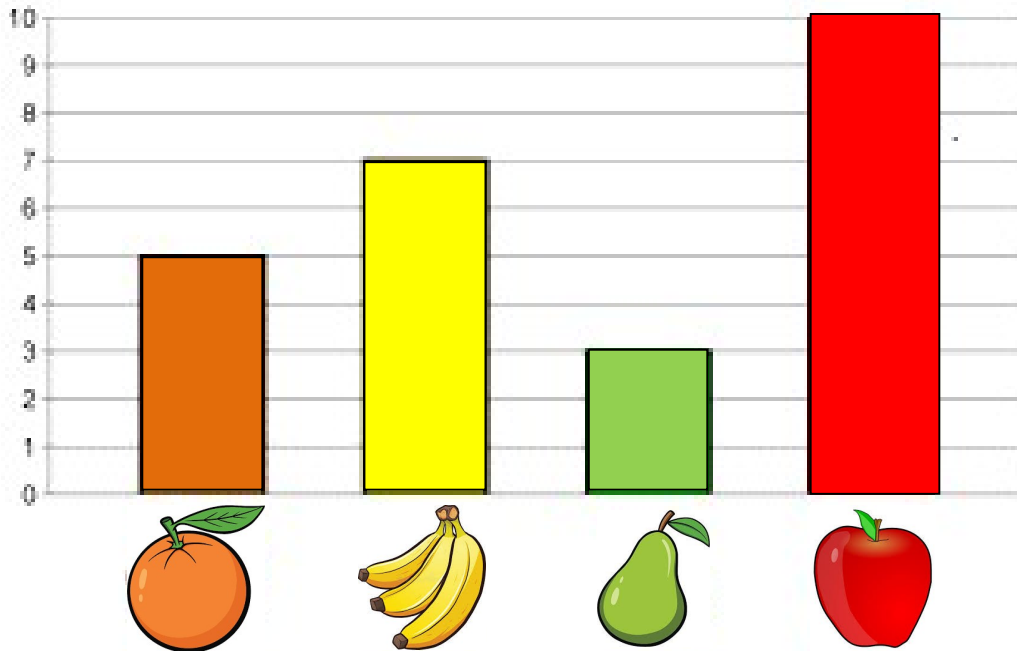
KG Level/Section:

## Lesson 6: Makes and Interprets Graphs



5				
4				
3				
2				
1				
				

# Activity



How many kids liked....



apples? \_\_\_\_\_



bananas? \_\_\_\_\_



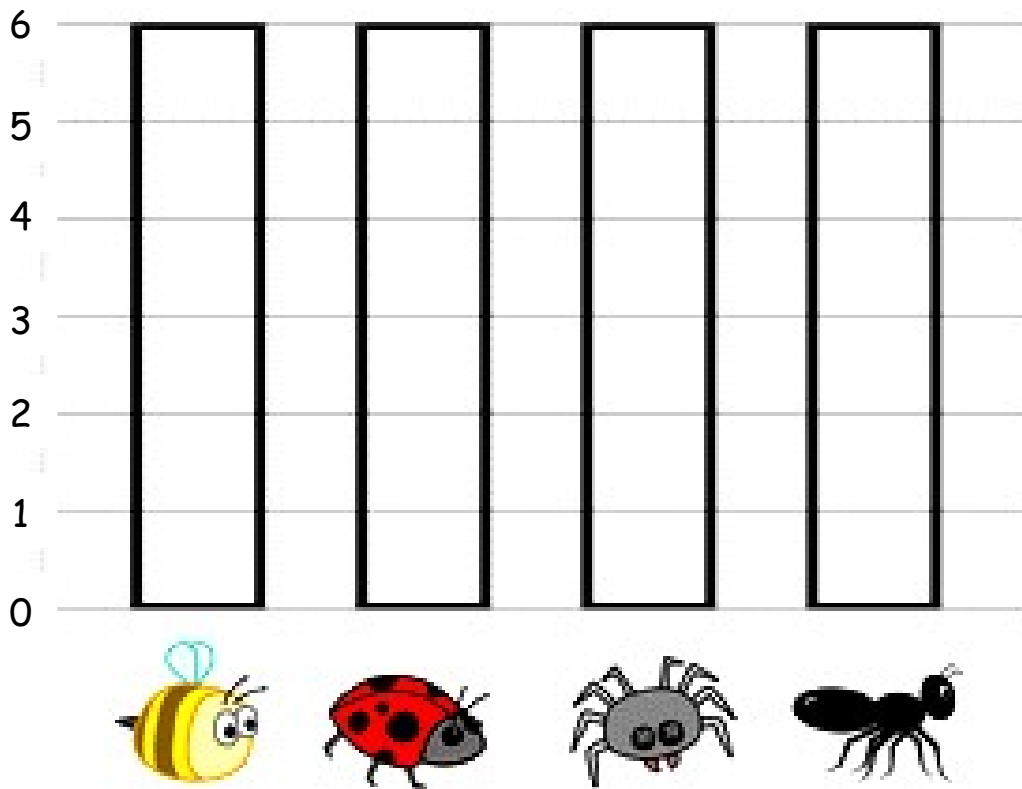
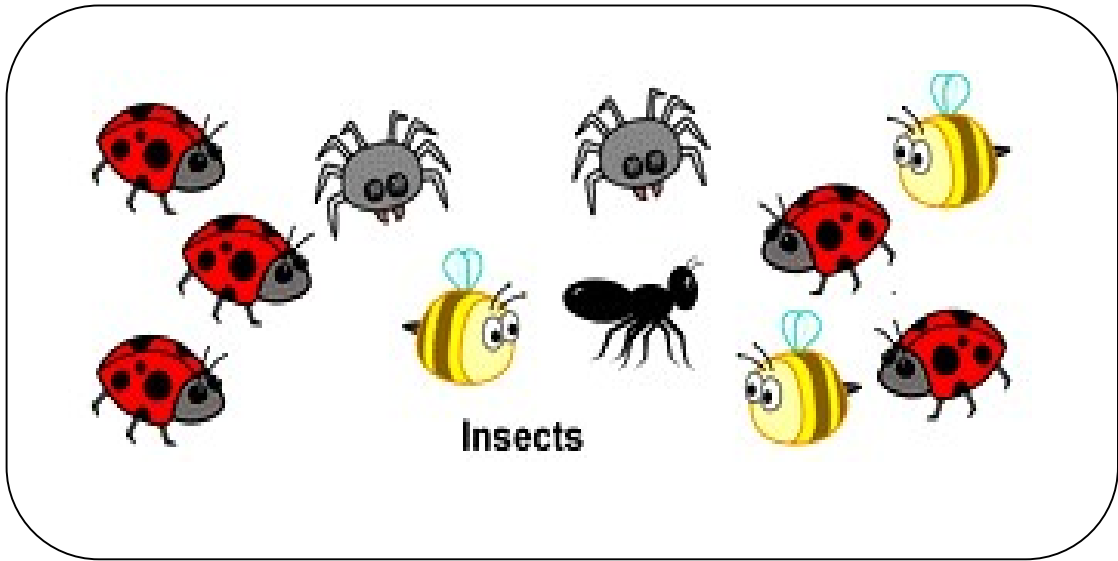
oranges? \_\_\_\_\_



pears? \_\_\_\_\_

**Directions:** Read the graph and answer the questions.

# Home Activity



**Directions:** Color a box on the graph for each insect.

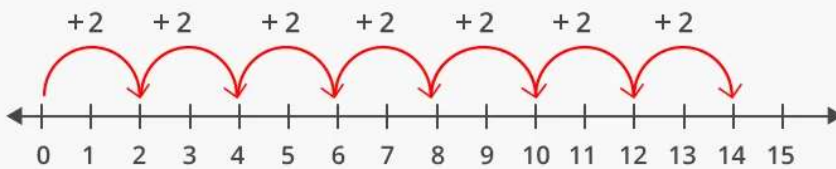
NAME:

KG Level/Section:

## Lesson 7: Skip Counting by 2s and 5s

### Counting by 2s

The example below shows how to count forward by twos starting from 10.



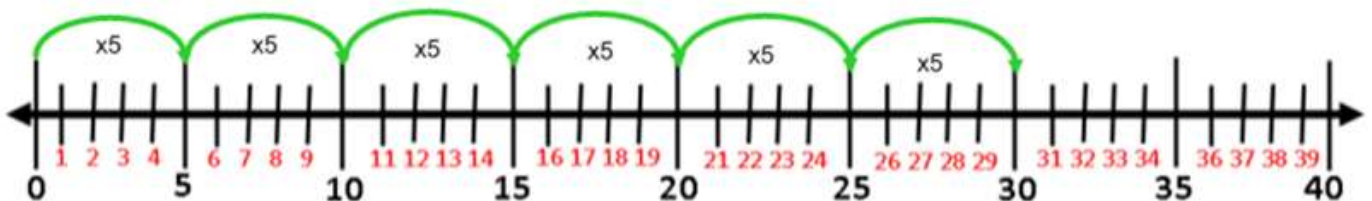
Count by	Skip Counting
2s	<p>Stacks of colored blocks representing the numbers 2, 4, 6, 8, 10, and 12. Each stack is composed of two rows of blocks. The colors of the blocks in each stack are: 2 (two orange), 4 (two green), 6 (two orange), 8 (two red), 10 (two orange), 12 (two green).</p>

Add 2 to get the next number when skip counting by 2s. Do not count the in between numbers.

### Counting by 5s

We count by fives quite often; counting money and telling the time are two examples. The picture below shows how to count forward by fives starting from 5.

Add 5 to get the next number when skip counting by 5



# Activity

1



**Skip Counting by 2's**  
Drag and drop the numbers.

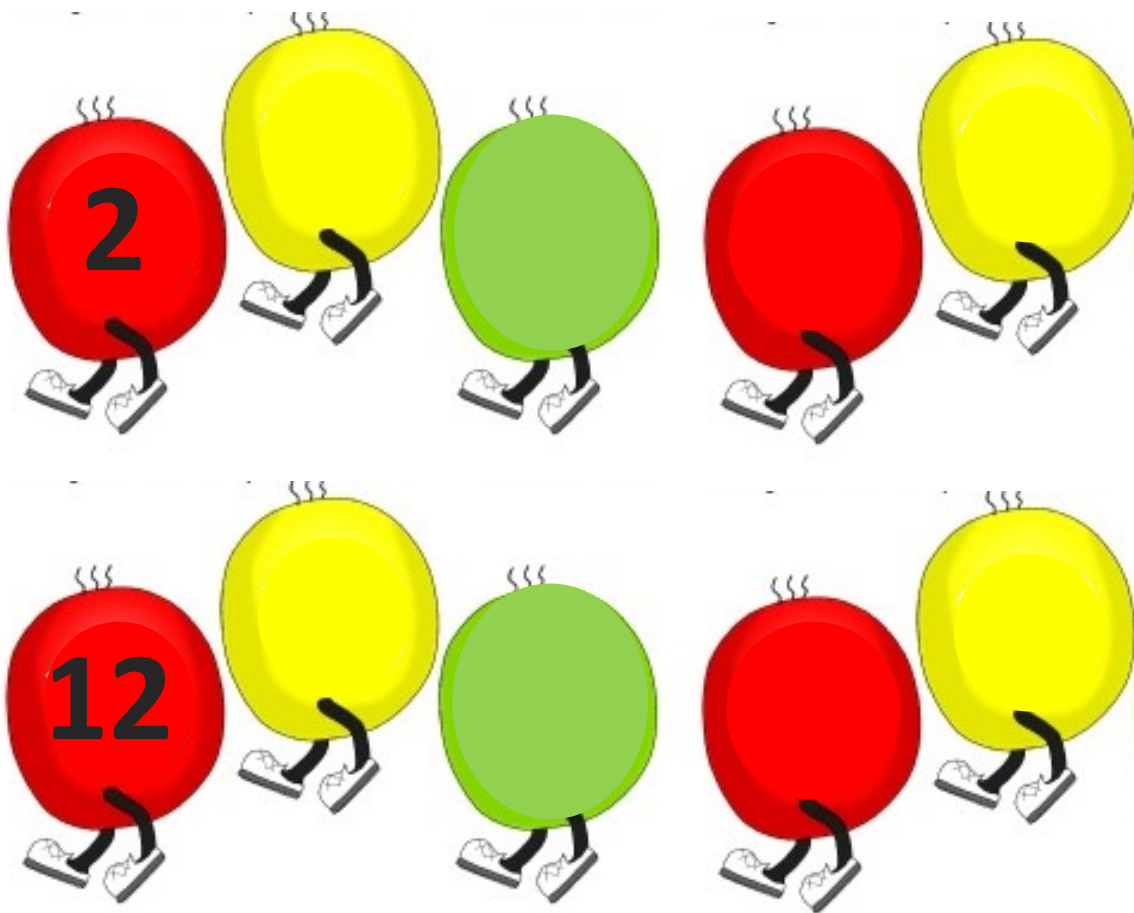
Row 1: 5 flower pots. Below them are 5 empty boxes.

Row 2: 5 flower pots. Below them are 5 empty boxes.

8	14	10	2	18
16	20	6	12	4

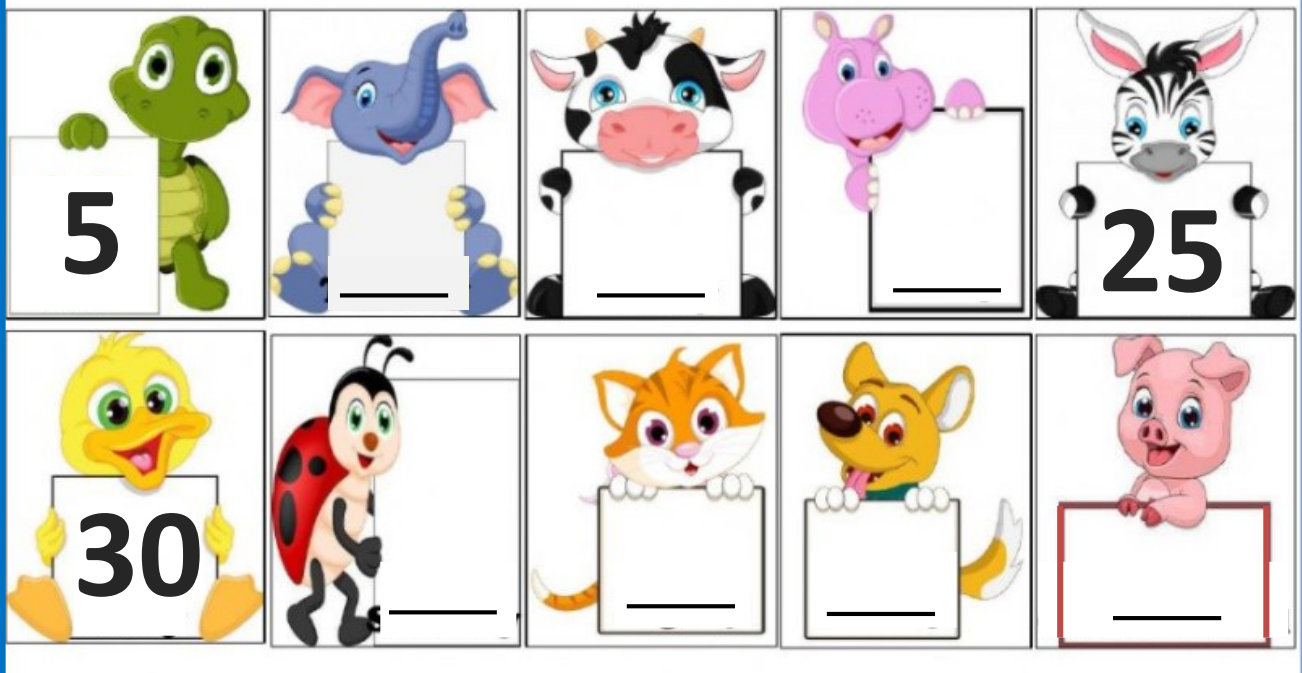
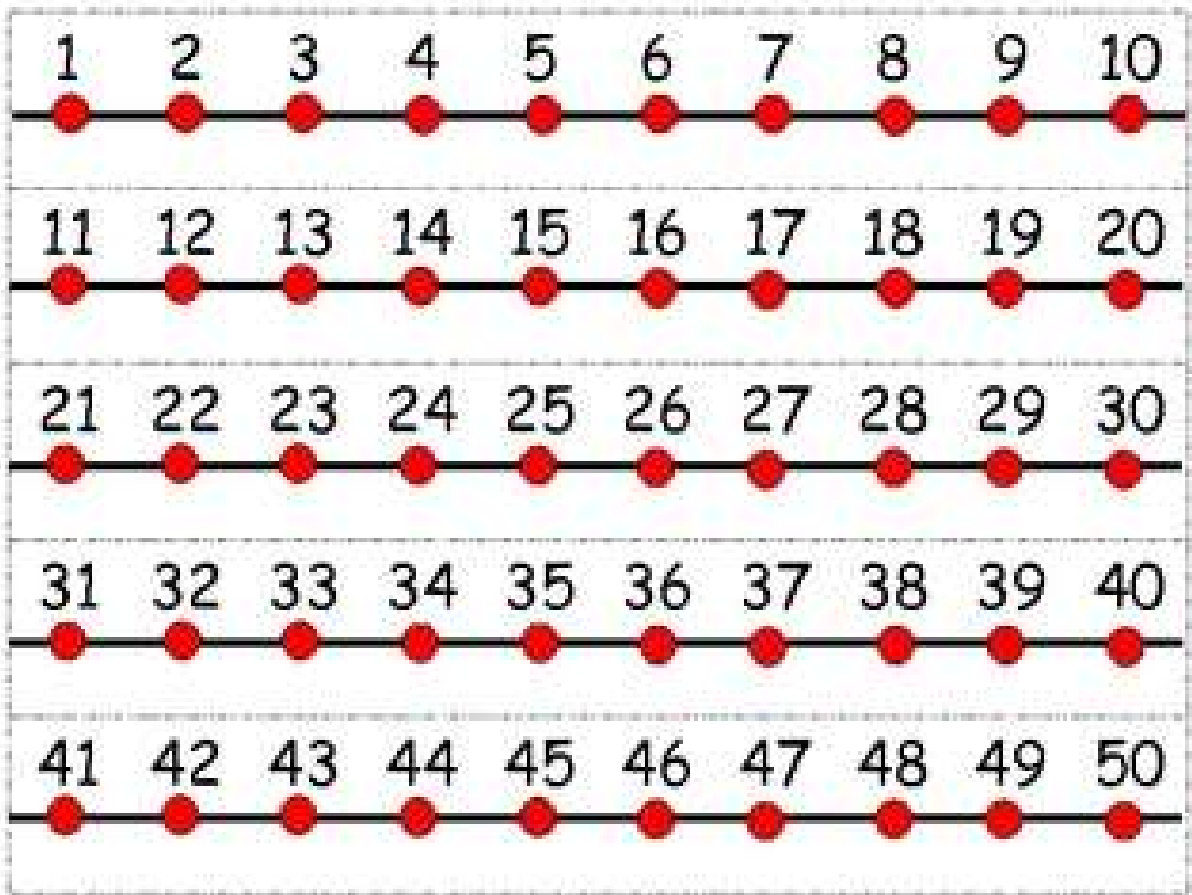
**Directions:** Use the number line to count by twos. Write the number vertically.

# Home Activity



**Directions:** Use the number line to count by twos. Write the number horizontally.

# Activity

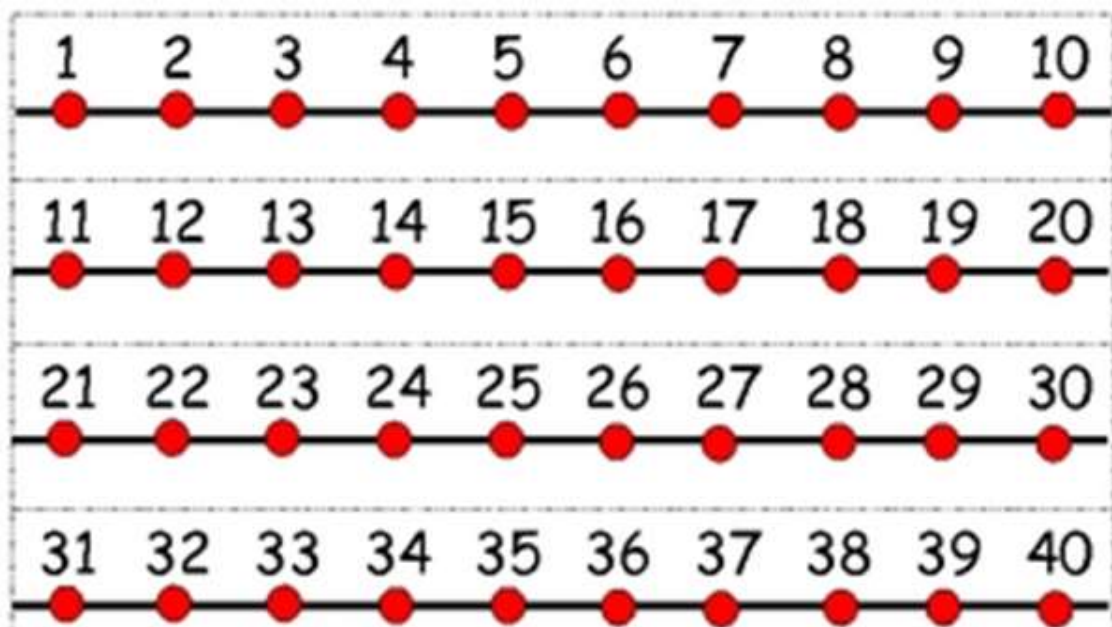


**Directions:** Use the number line to count by fives. Write the number from 5 to 50.

# Home Activity



Count by 2s	2	4							
----------------	---	---	--	--	--	--	--	--	--



Count by 5s	5								
----------------	---	--	--	--	--	--	--	--	--

**Directions:** Use the number line to count by twos and by fives.



NAME:

KG Level/Section:

# Lesson 8: Telling Time

## Analog Clock



**Long hand** is the minute hand.

**Short hand** is the hour hand.

What time does the clock show?

It's 5 o'clock or 5:00.

## Digital Clock



What time does the clock show?

It's 5 o'clock or 5:00.

# Activity

1.



2.



3.



4.

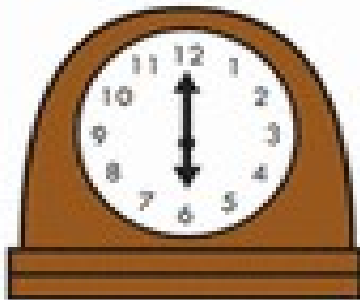
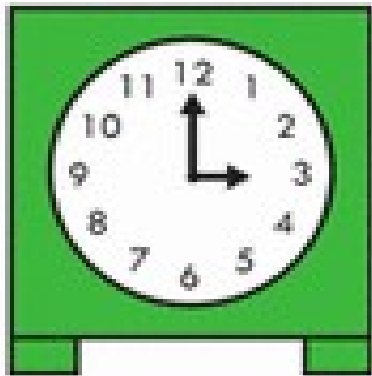


5.



**Directions:** Draw a line from each clock to its matching digital clock.

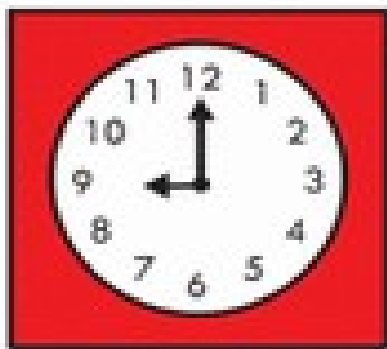
# Activity 2



Its

Its

Its



Its

Its

Its

**Directions:** Write the time below each clock.

# Home Activity

1.



2.



3.



4.



5.



6.



7.



8.



9.



**Directions:** Draw the second clock hand to display the time shown at the bottom of each clock.

NAME:

KG Level/Section:

# Lesson 9: Money

## Penny



Front



Back

The **Penny** equals **1¢**. It can also be written **1 cent** or **one cent**.

## Nickel



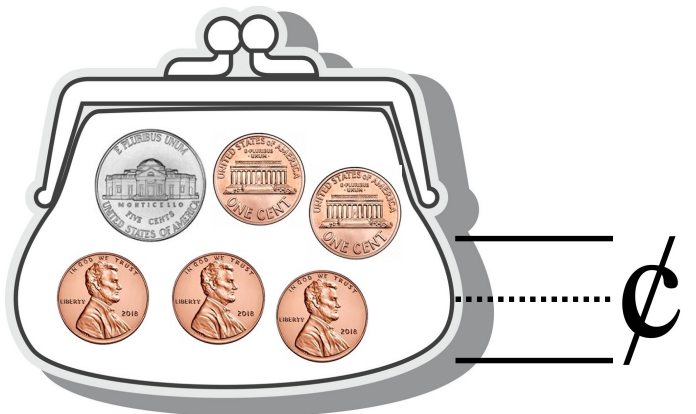
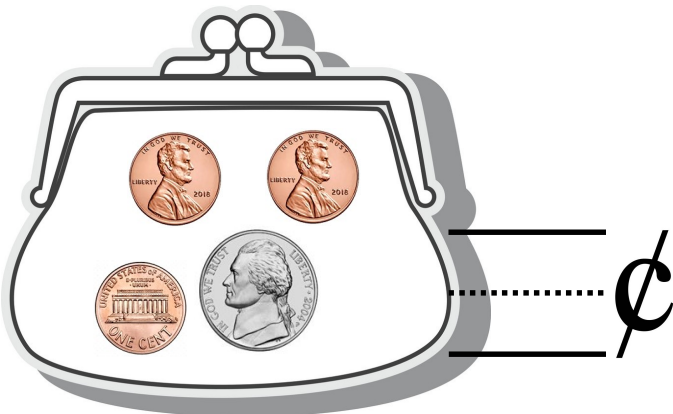
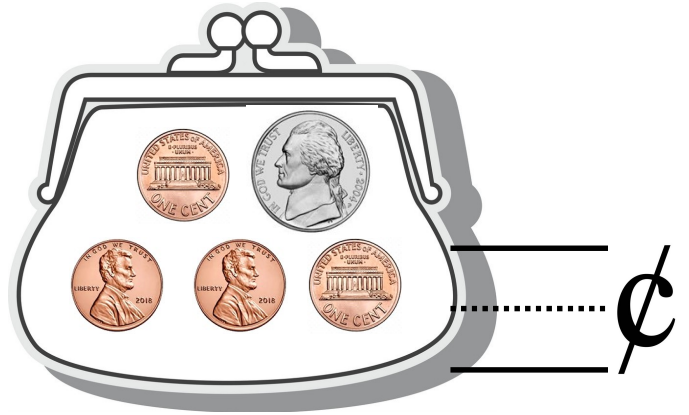
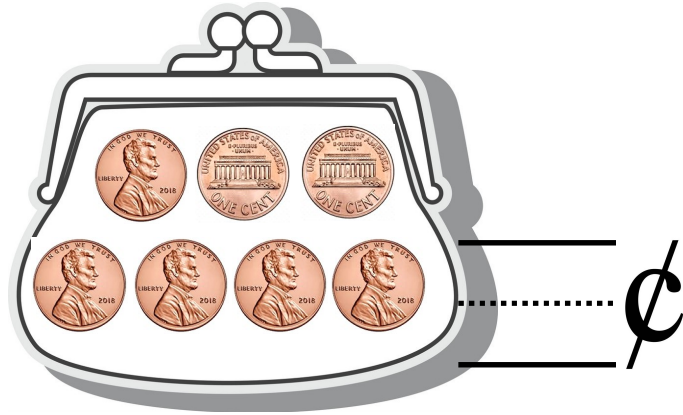
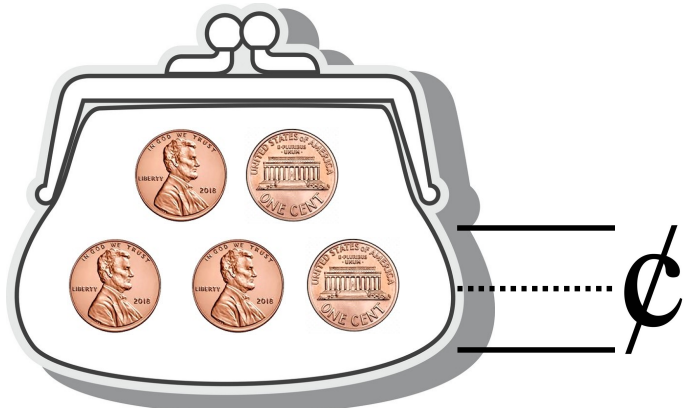
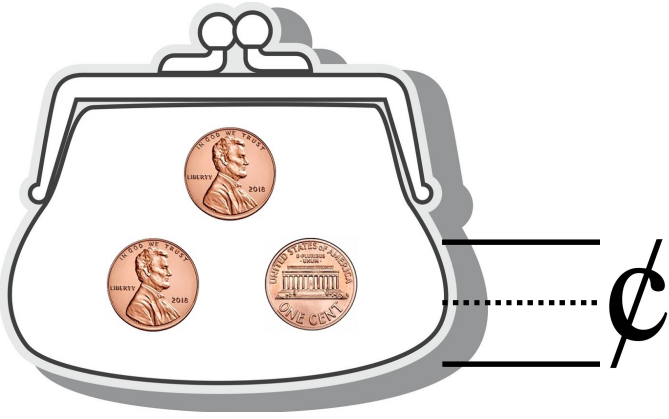
Front



Back

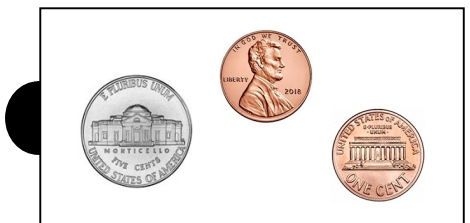
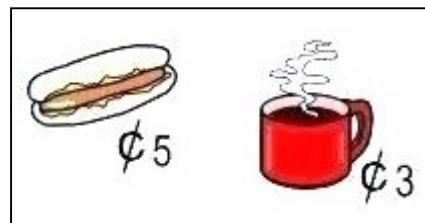
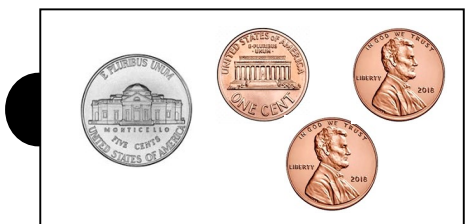
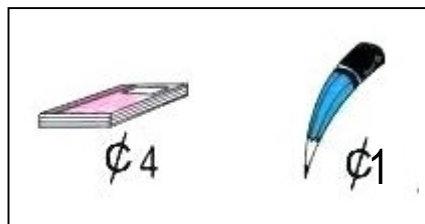
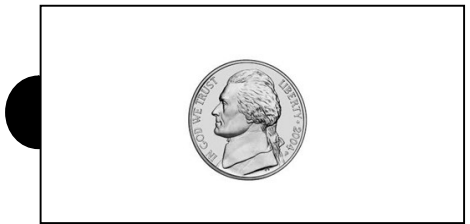
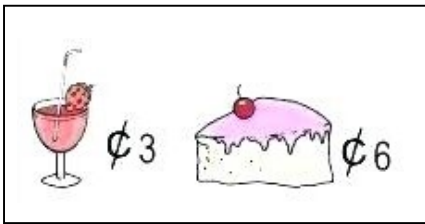
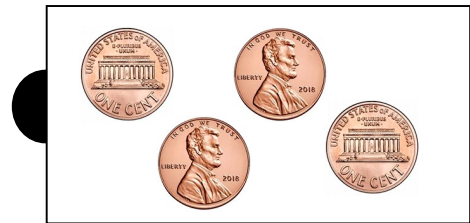
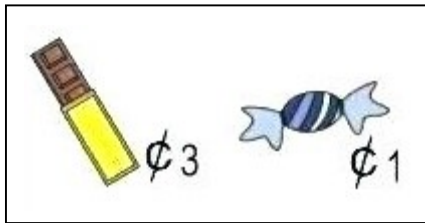
The **Nickel** is called **5¢**. It can also be written **5 cents** or **five cents**.

# Activity 1








**Directions:** Count the money in each purse. Write the amount.

# Activity 2



**Directions:** Buy a few things. Match the correct amount of money to pay.

# Home Activity

Count the money	Circle the correct amount	Write the amount
	<p>5¢    7¢    9¢</p>	<p>_____ ¢          ..... ¢          _____ ¢</p>
	<p>10¢    2¢    8¢</p>	<p>_____ ¢          ..... ¢          _____ ¢</p>
	<p>4¢    5¢    6¢</p>	<p>_____ ¢          ..... ¢          _____ ¢</p>
	<p>3¢    7¢    8¢</p>	<p>_____ ¢          ..... ¢          _____ ¢</p>
	<p>5¢    10¢    9¢</p>	<p>_____ ¢          ..... ¢          _____ ¢</p>



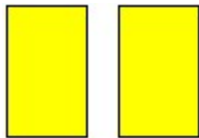
NAME:

KG Level/Section:

# Lesson 10: Equal Parts



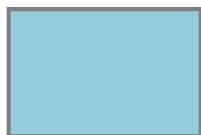
Whole part



Two equal parts



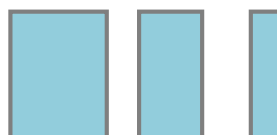
Two unequal parts



Whole part



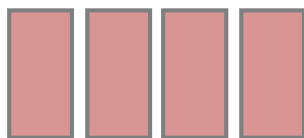
Three equal parts



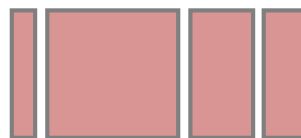
Three unequal parts



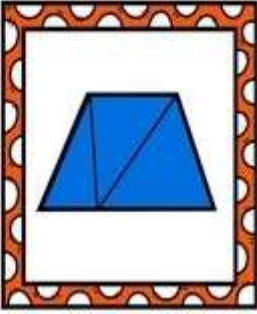
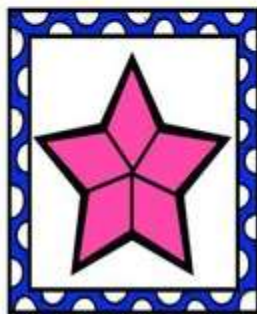
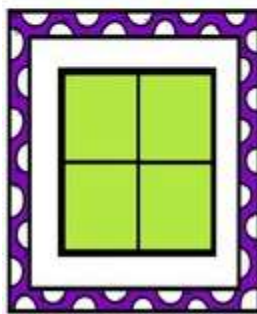
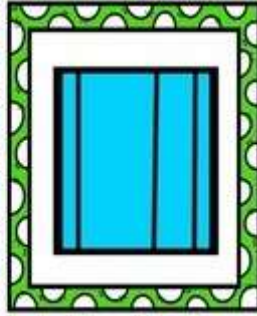
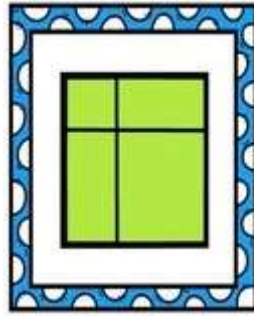
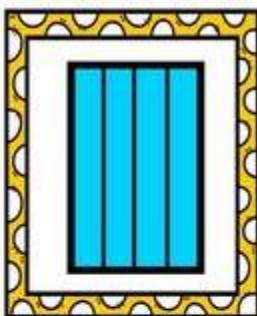
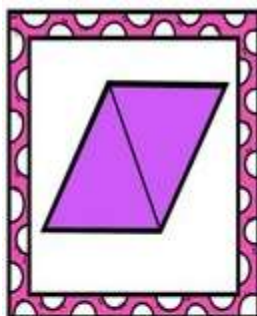
Whole part



Four equal parts



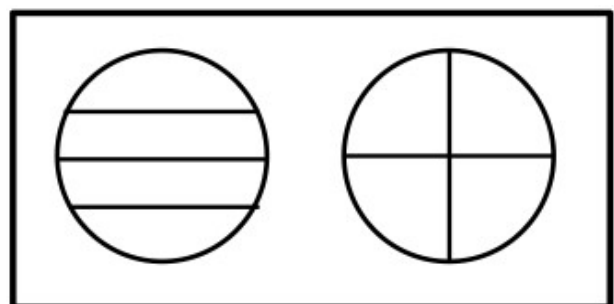
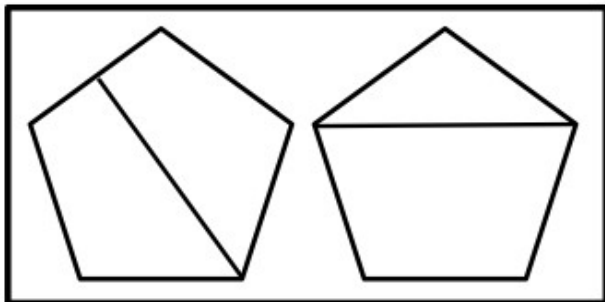
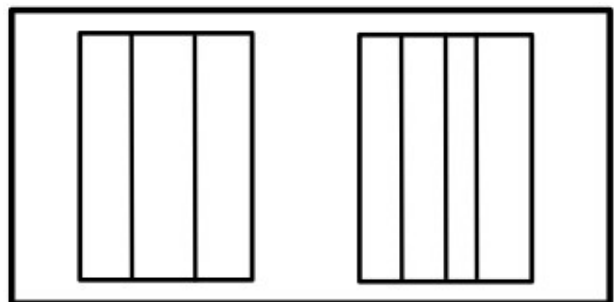
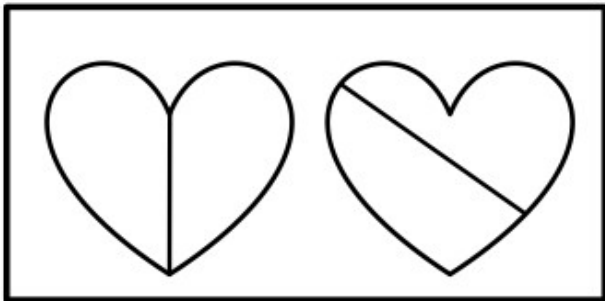
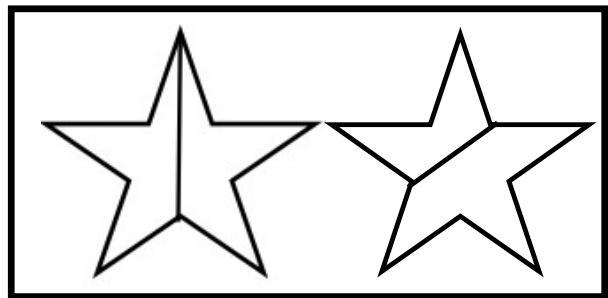
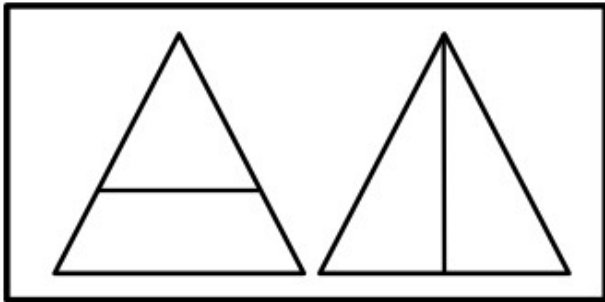
Four unequal parts



Equal Parts

Unequal Parts

# Activity

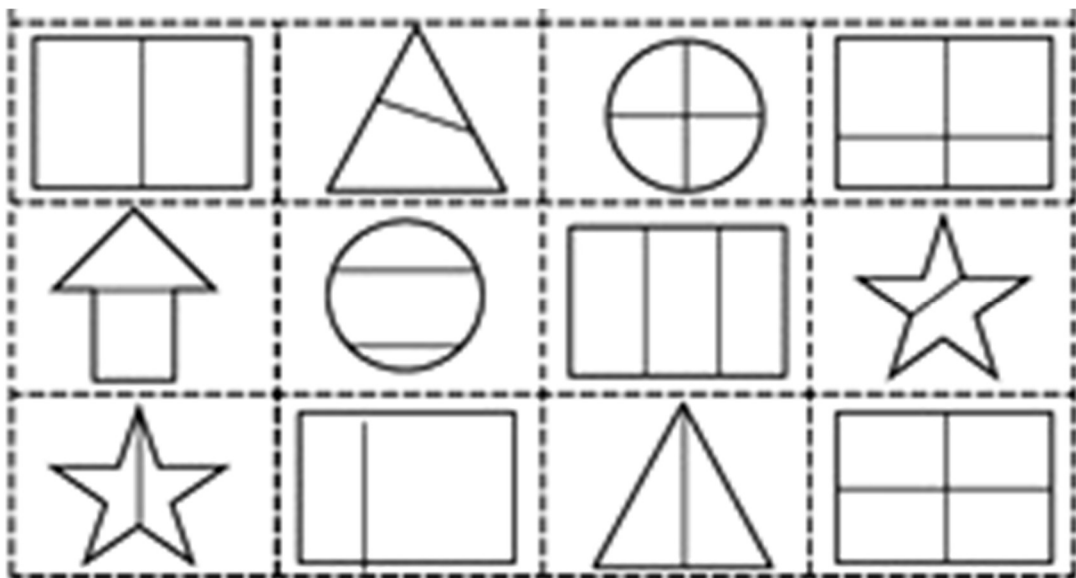


**Directions:** Look at the shapes. Color the shape that has equal parts.

# Home Activity

**Equal Parts**

**Unequal Parts**



**Directions:** Cut and paste the shapes into the correct box.

NAME:

KG Level/Section:

# Lesson 11: Halves



The whole pizza is cut into **two equal parts**.

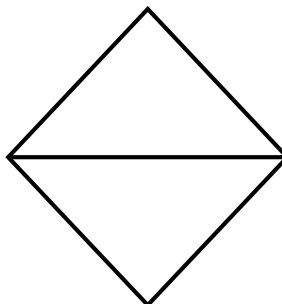
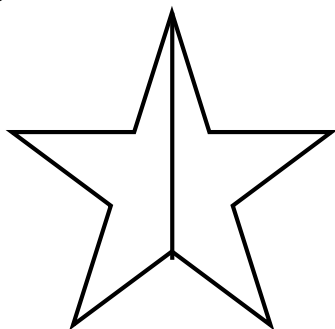
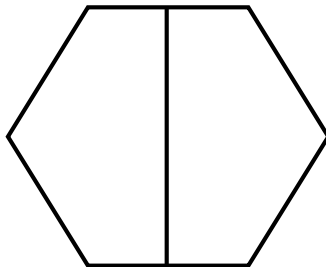
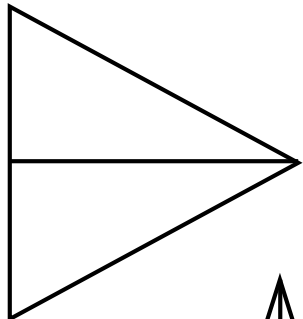
Each part is worth **one half**.

A **half** is one of two equal parts of a whole.

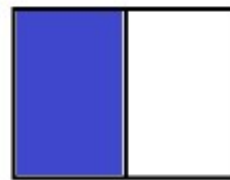
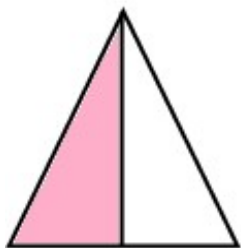
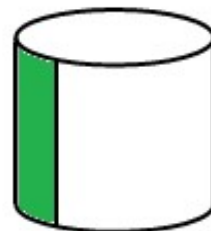
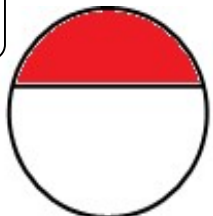
The two equal parts of a whole are called **halves**.

# Activity

1.

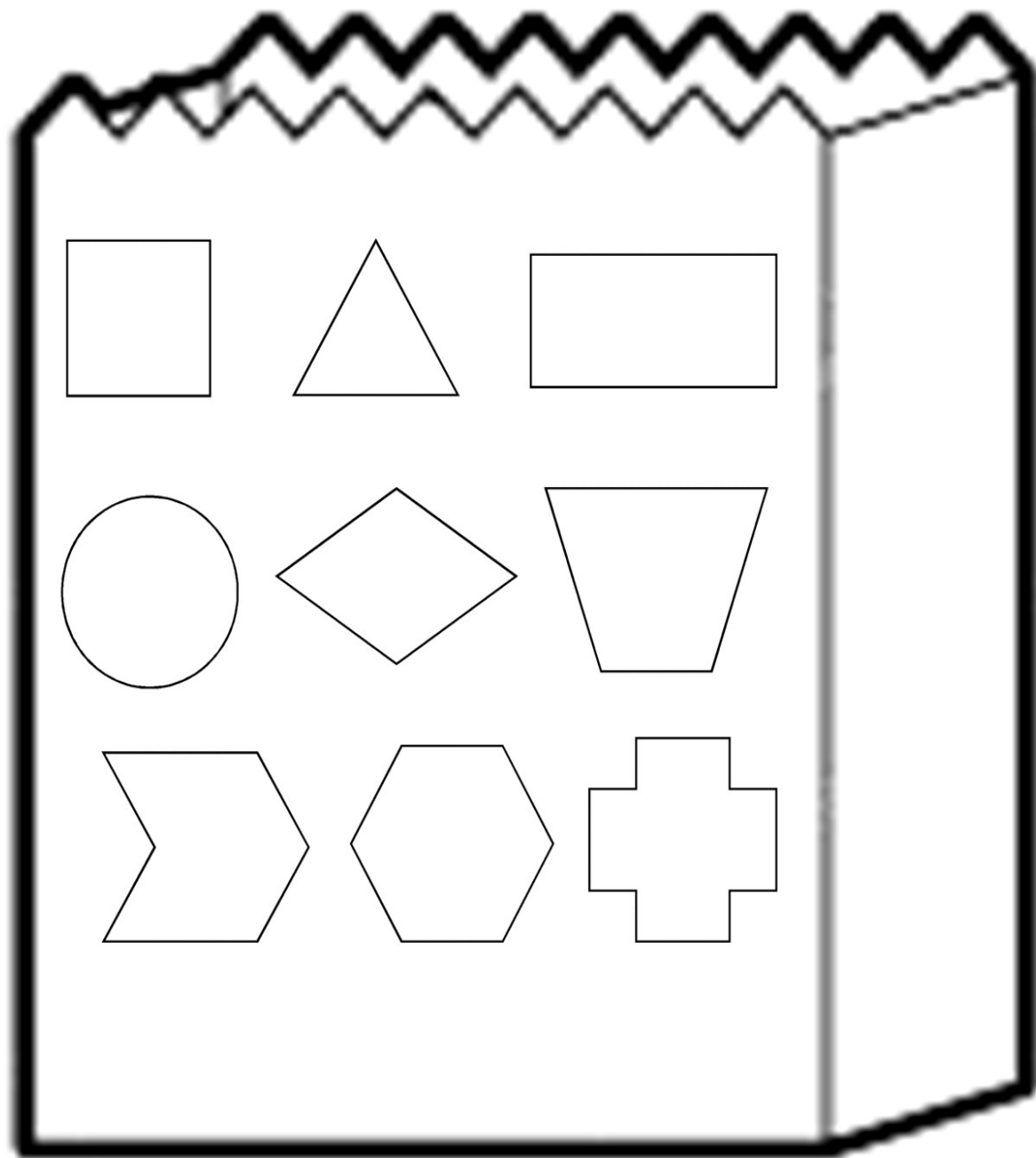


2.



**Directions:** 1. Color one-half of each shape. 2. Tick the box if the shaded part shows half and write an X if not.

# Home Activity



**Directions:** Shade in half of each shape.

NAME:

KG Level/Section:

## Lesson 12: Fourths



The whole pizza is cut into **four equal parts**.

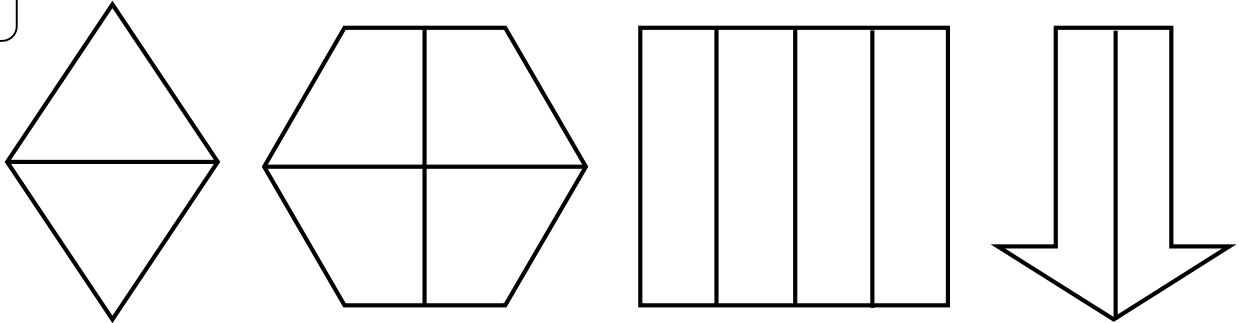
Each part is worth **one fourth**.

**One fourth** is one of four equal parts of a whole.

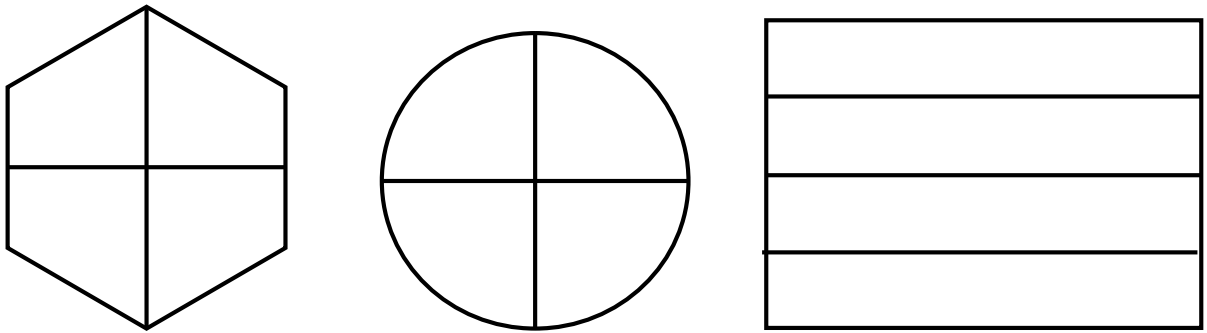
**Fourths** are the four equal parts that make a whole.

# Activity

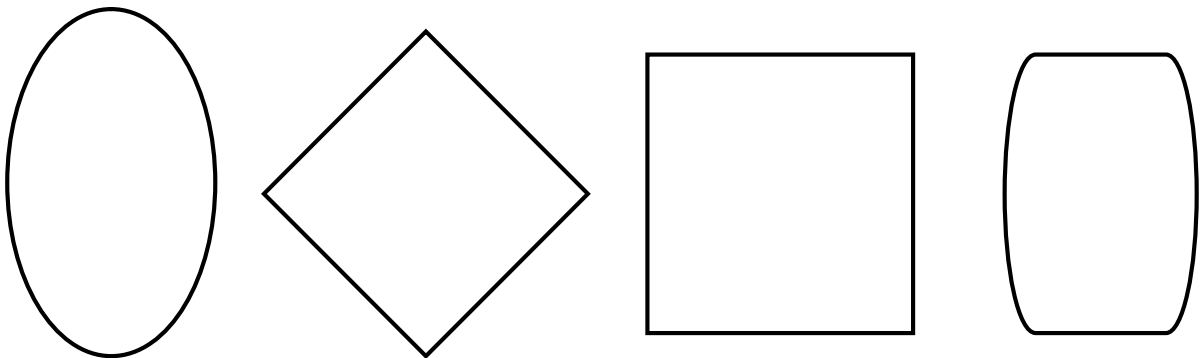
1.



2.



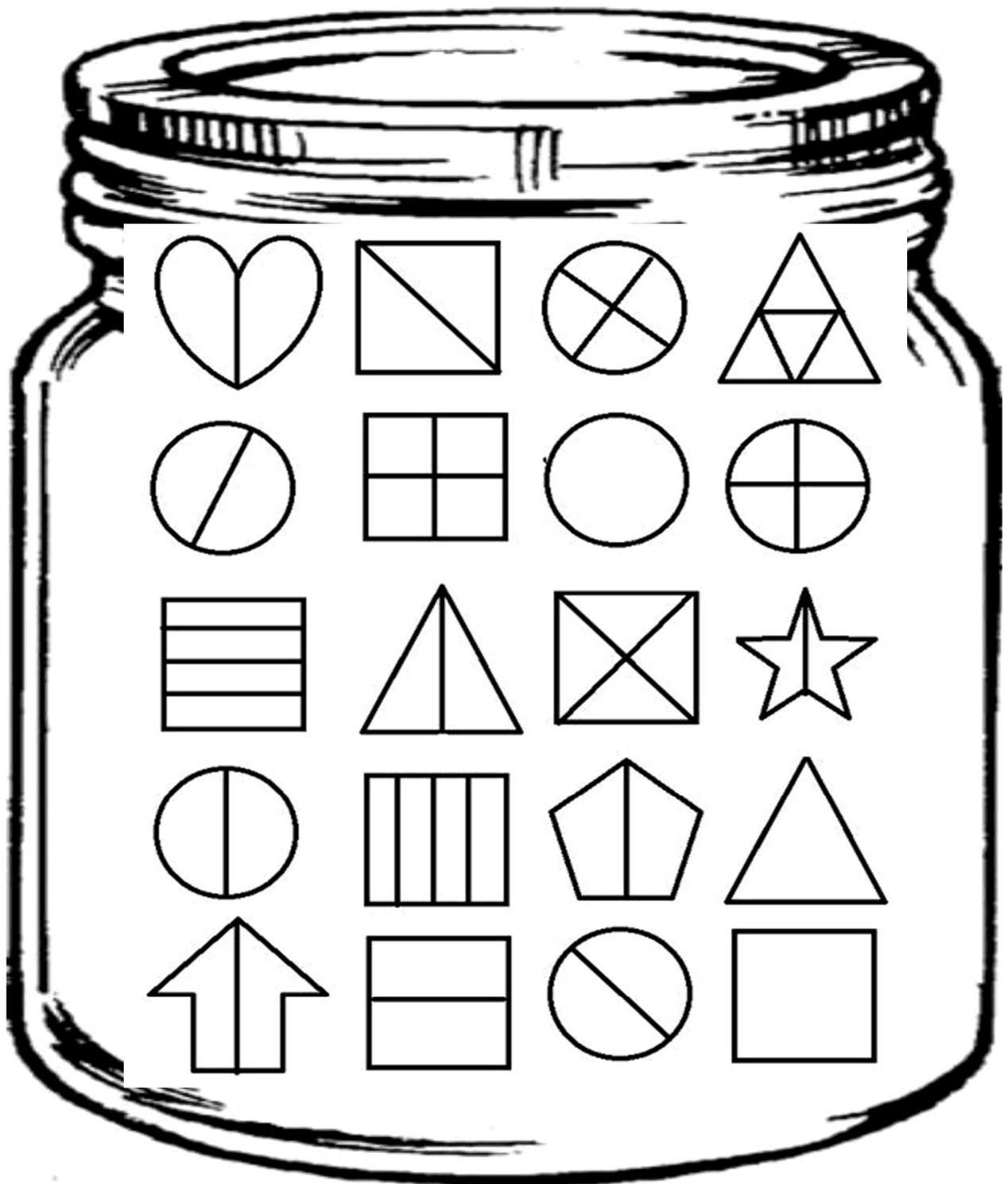
3.



**Directions:** Circle the shapes that show fourths. 2. Color one fourth of each shape. 3. Cut each shape into fourths.



# Home Activity



**Directions:** Color the shapes that show whole blue, the shapes that show halves red and the shapes that show fourths yellow.