

THE RIGHT START
TO MATH

KINDERGARTEN

AUTHOR

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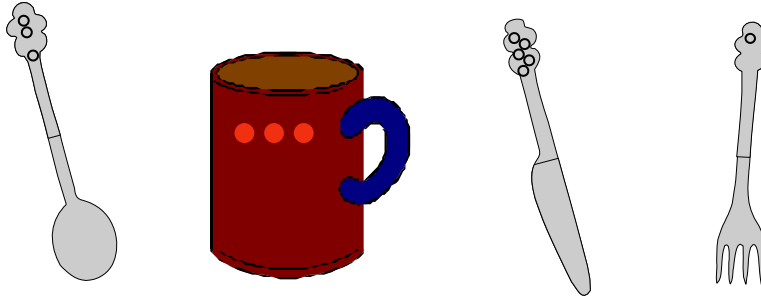
TABLE OF CONTENTS

Chapter 1	Classifying and Sorting	3
Chapter 2	Patterns	14
Chapter 3	Geometry	44
Chapter 4	Numbers and Numeration	63
Chapter 5	Numbers and Operations	92
Chapter 6	Measurement	122
Chapter 7	Data Analysis and Probability	150
Glossary		160
Pattern Pages		

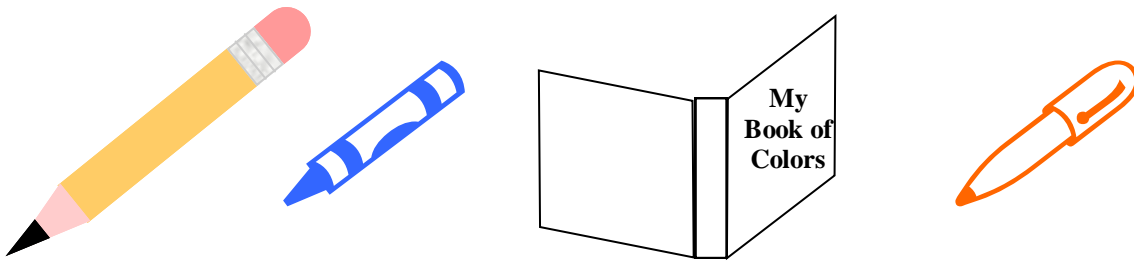
Similarities and Differences

In each row, circle the picture that does not belong.

1.



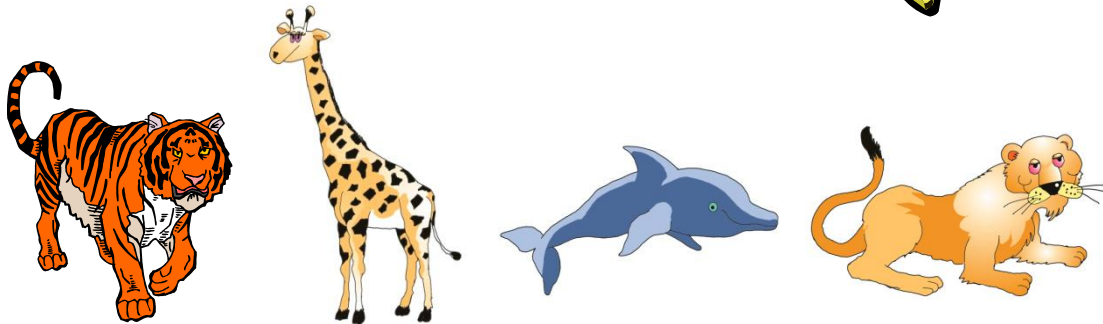
2.



3.

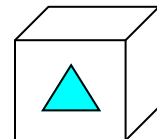
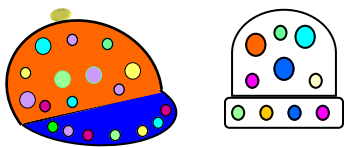
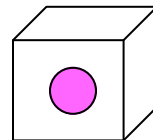
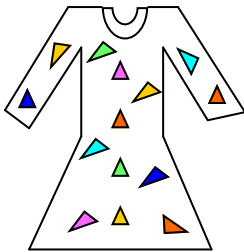
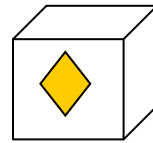
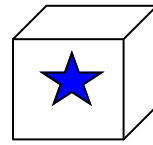
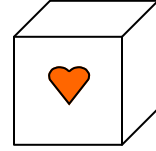
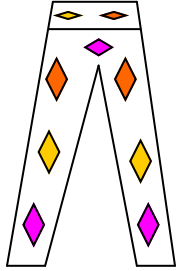


4.



Similarities

Please draw a line to sort the shapes with the correct box.



Classroom Discussion

Patterns

Many ideas and operations in math are based on patterns. It is important to learn how to identify patterns in everyday life. This will help to prepare you for much harder concepts in math.

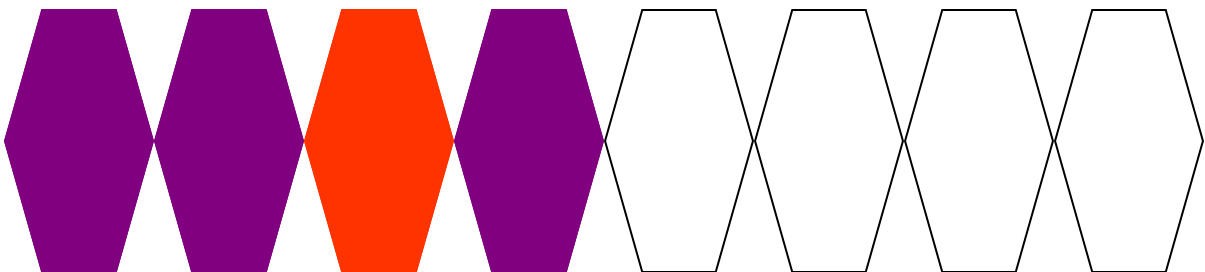
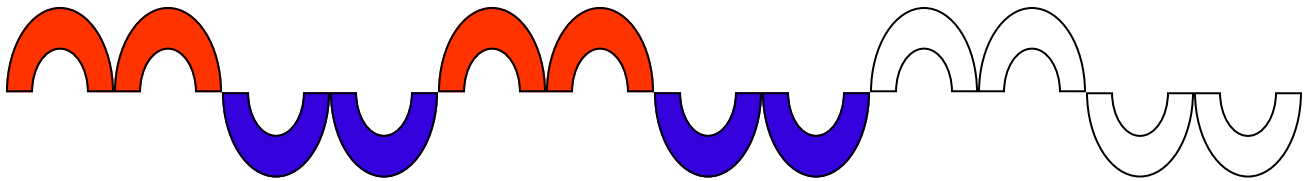
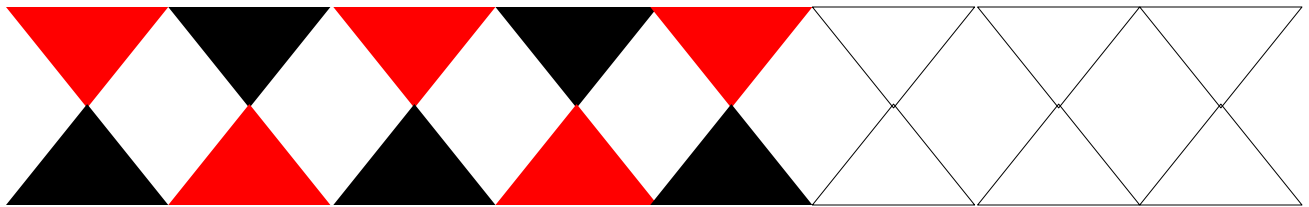
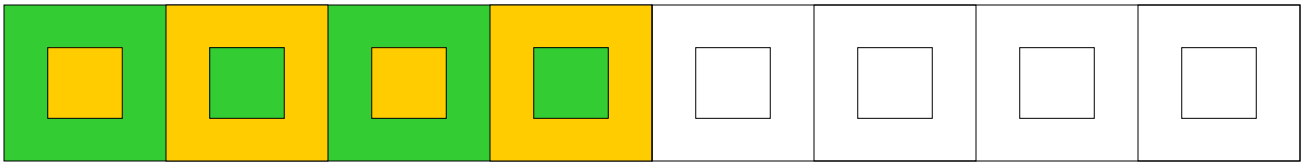
Patterns help to express, design and model your ideas. If you would like to become an inventor, think up your big ideas and start with a simple pattern.

Have fun!

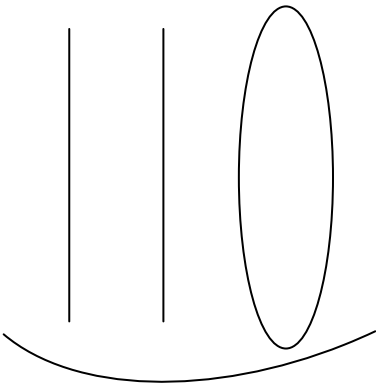
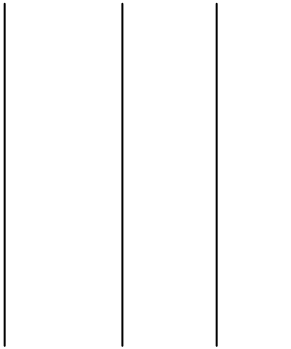
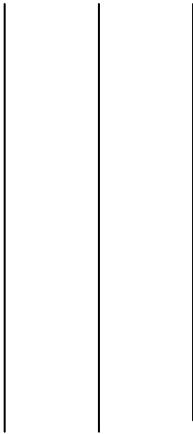
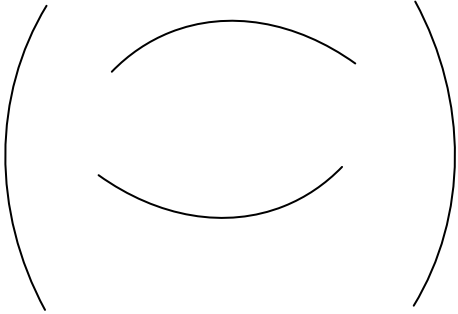
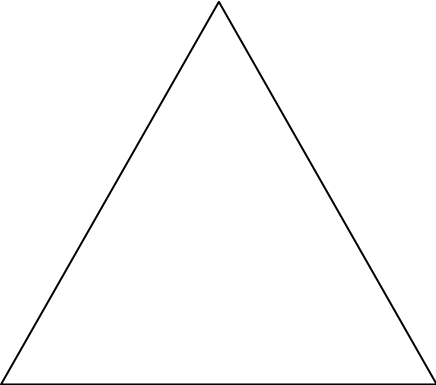
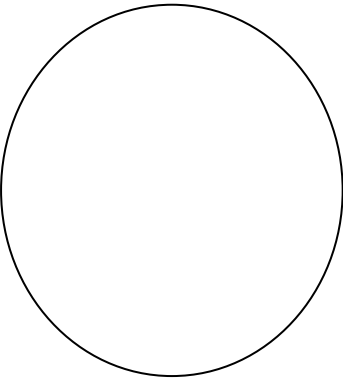
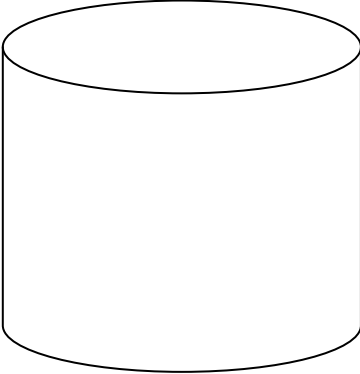
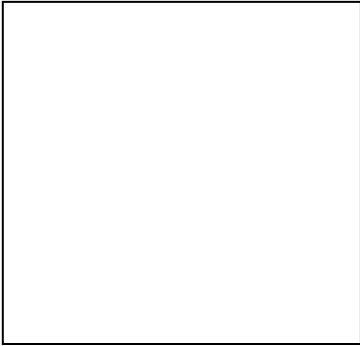
Patterns

Extending Patterns

Please extend the following patterns.



Please draw a line to show which group of shapes on the right will make the geometric shape on the left.



Addition

Please find the sum.

$$\begin{array}{r} 3 \\ + 2 \\ \hline \\ \hline \end{array}$$

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

$$\begin{array}{r} 1 \\ + 1 \\ \hline \\ \hline \end{array}$$

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

$$\begin{array}{r} 2 \\ + 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 0 \\ \hline \\ \hline \end{array}$$

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

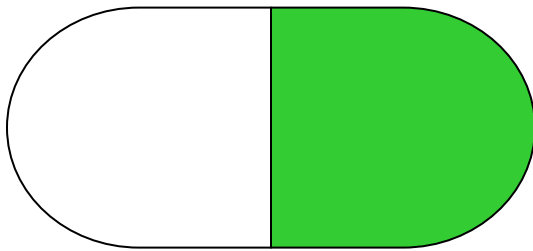
$$\begin{array}{r} 3 \\ + 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 0 \\ \hline \\ \hline \end{array}$$

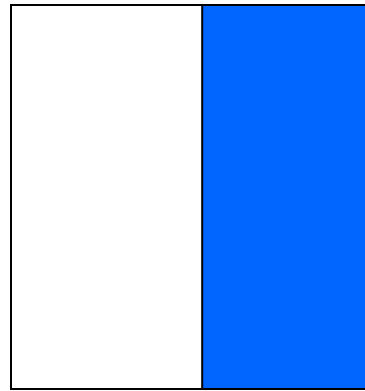
Classroom Activity

Fractions

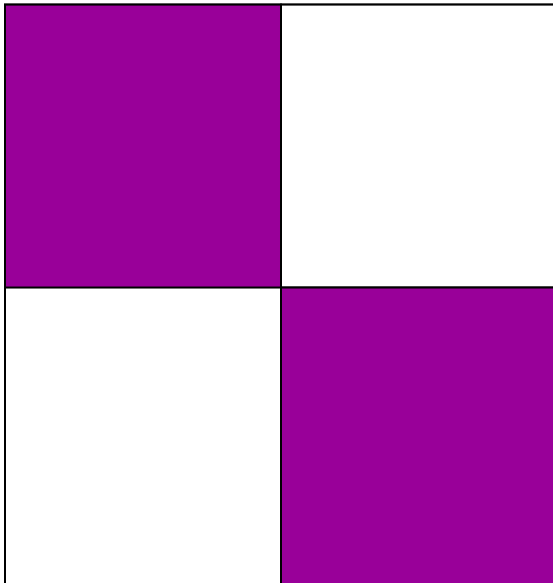
Fractions tell us a part of a whole number. Please cut out the drawings on Pattern Page 4 to show how to make a half and a quarter. Discuss the examples below.



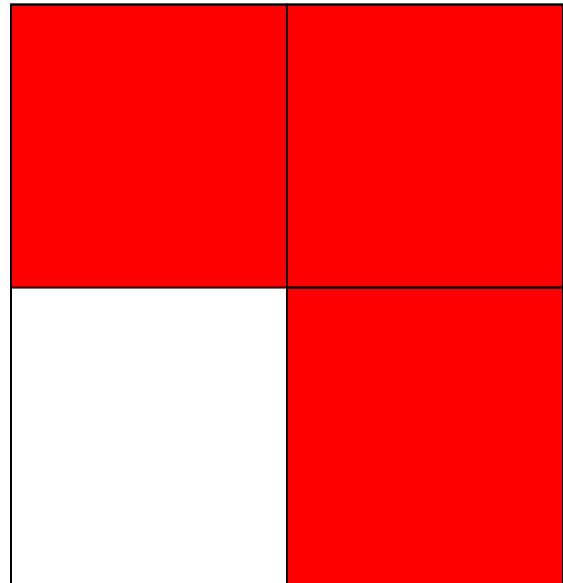
$\frac{1}{2}$



$\frac{1}{2}$



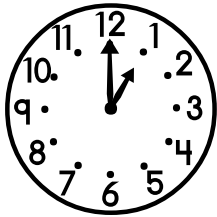
$\frac{2}{4}$ or $\frac{1}{2}$



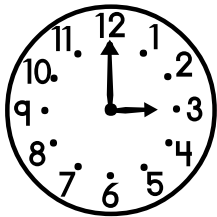
$\frac{3}{4}$

Telling Time

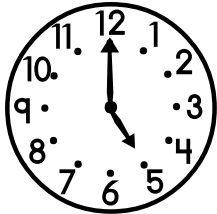
Please write the numeral that tells what time it is on the clock.



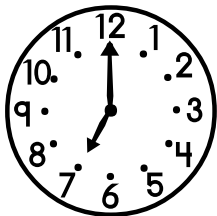
_____ o'clock



_____ o'clock




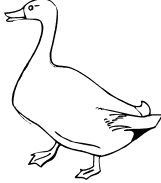
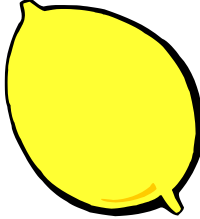



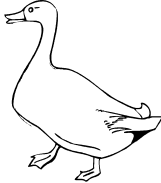
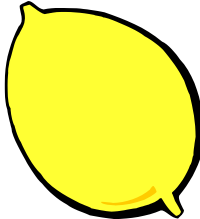



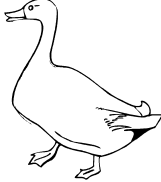
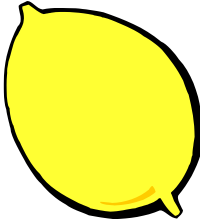






_____ o'clock










_____ o'clock

Graphs

Please look at the table and answer the questions below using the $<$, $>$, or $=$ symbol.

Eggs	Geese	Lemons	Strawberries	Apples
				
				
				
				
				

The number of		is	<input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/>	to the number of	
The number of		is	<input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/>	to the number of	
The number of		is	<input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/>	to the number of	
The number of		is	<input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/>	to the number of	