1
MATH

Unit one

Understand the contents

We are glad to present to you **Gimnasio virtual San Francisco Javier.** Present it presented through texts for elementary education program and the sequence mathematically oriented contents, enriched by videos and subtopics.

Handle this text thoughtfully to acquire new attitudes, skills, abilities and concepts which will allow you to expand your worldview.

Contents are grouped into four units containing four sessions of topics and subtopics consisting of several pages. Each topic begins with a title, a series of questions whose purpose is to inspire your interest in studying the topics. You can use these questions at the end to make a self check, how much do and you know now.

You'll find images related to the concepts and themes, videos, charts, concept maps to ensure that you understand the logic behind concepts.

The funny helpers are there to support you in your journey through this adventure of knowledge.
http://www.youtube.com/watch?v=STsa3JV8-Xs

Visual supports for the student

The virtualitos will help you travel through this adventure of knowledge and will indicate which activities it should perform.

Let us search...

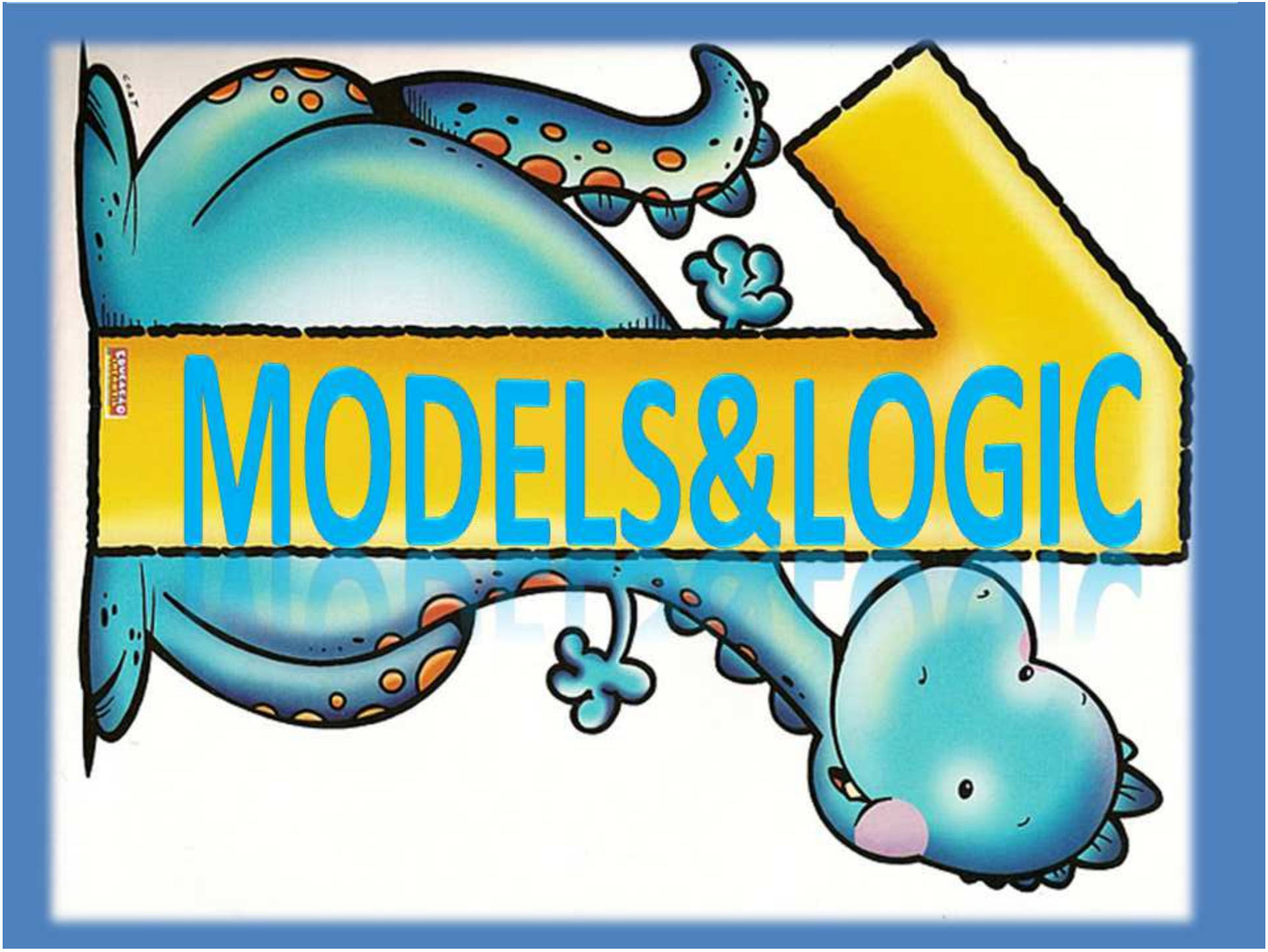
When you find this pencil, you will know that there were many questions without answers. You can use them at the end of a topic to find what you have learned.

Teacher helper invites you to learn more about the topic, to study new things. It is becoming very interesting to know!

Open hands and say colored art as part of your activities, giving a personal touch when you go to color. Indicate the color and outline actions contours.
Now you are the artist!

Did you know?
You'll find fun facts that invite you to learn more about other related topics.

When you find this helper, you have to carry out the activities for each topic or subtopic.


MODELS&LOGIC

Unit1

We will carry out activities in each of the topics.

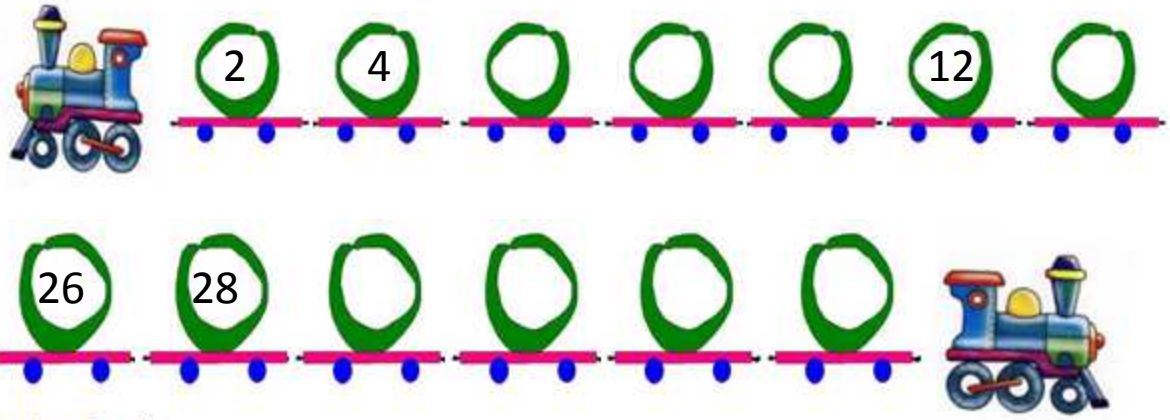
Models: Look at the model and complete it.

2	4	6	2	4	6			
5	7	7	5	7	7			
a	b	c	a	b	c			
6	6	8	6	6	8			

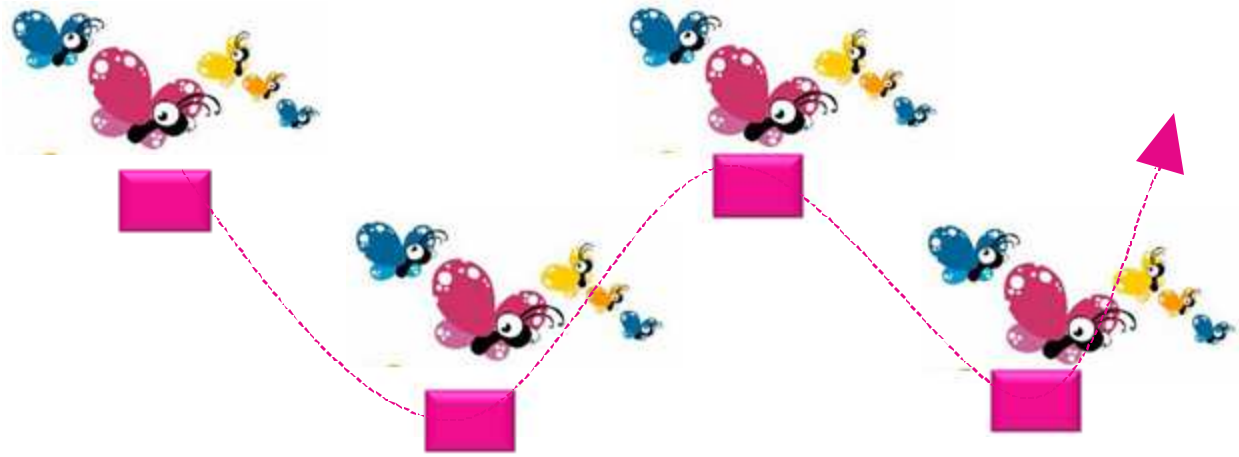
3	5	7	9	3	5	7	9

Counting by twos, fives and tens.

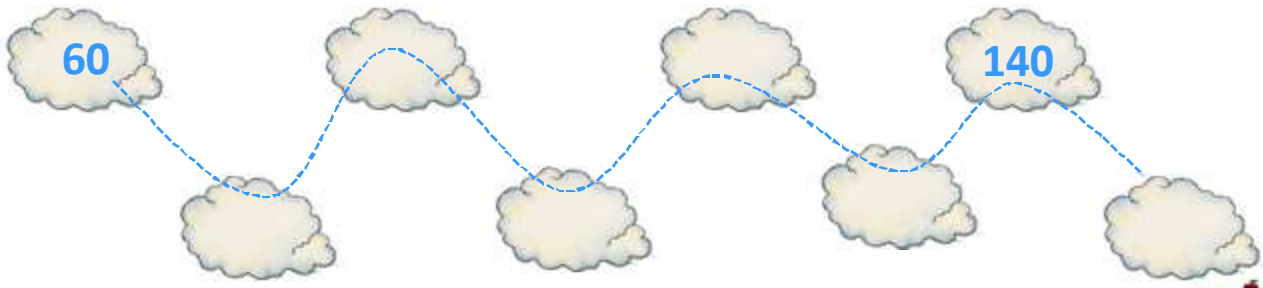
Counting by twos:



Counting by fives:

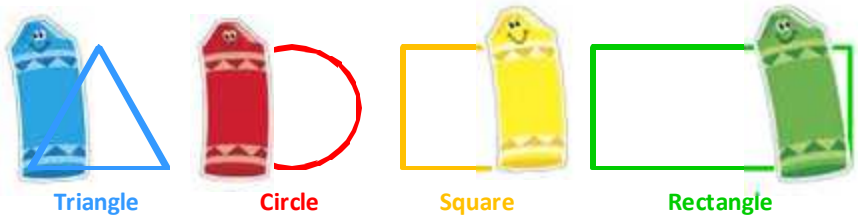


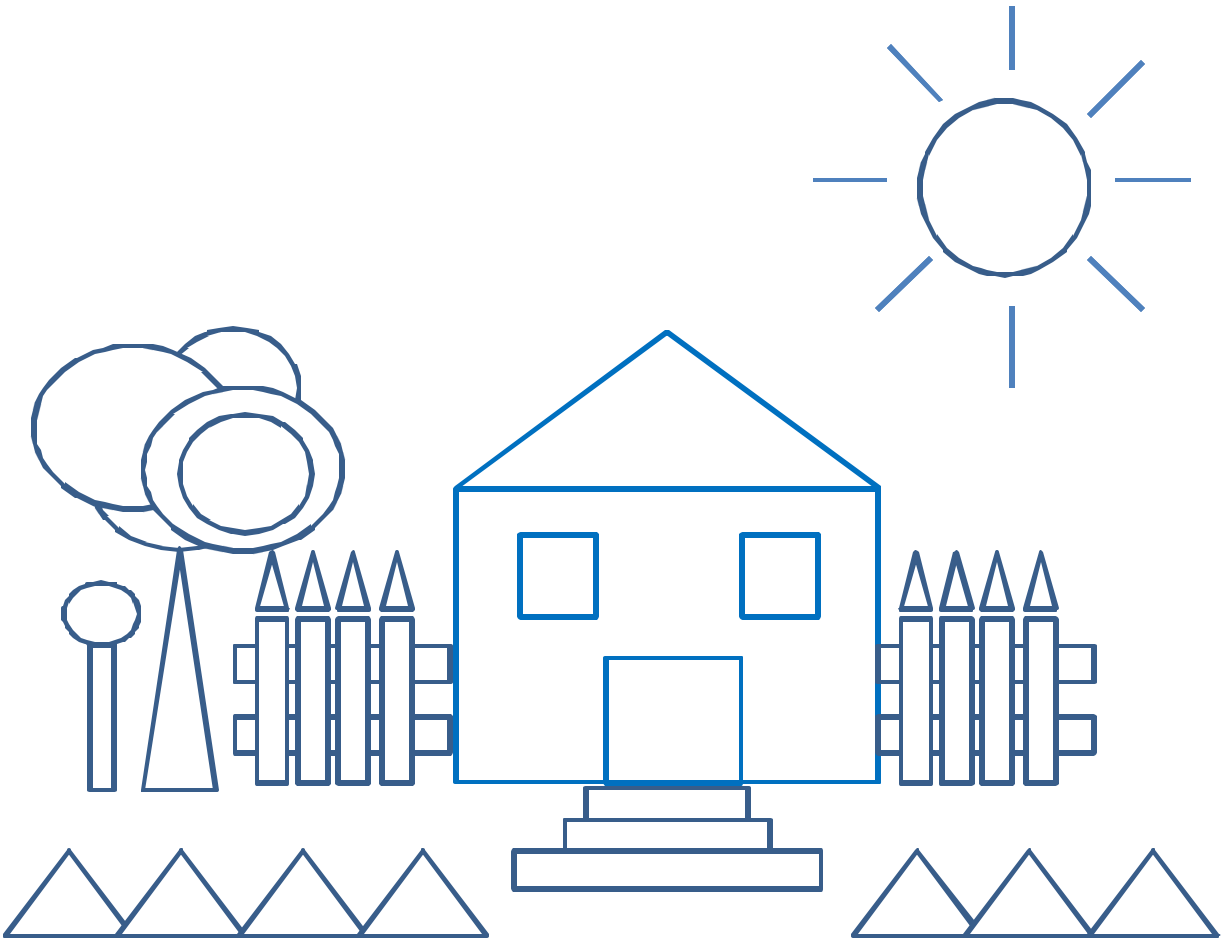
Counting tens:



Two-dimensional figures

Color the picture according to the indication:

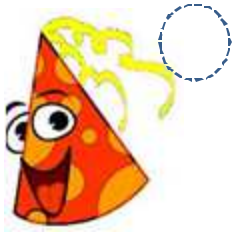




Three dimensional figures

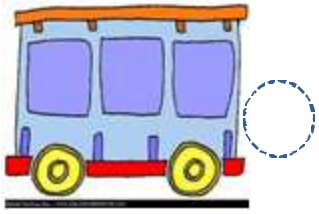
Mark with "X" all objects similar to the sample:

Cone



Sphere

Cube



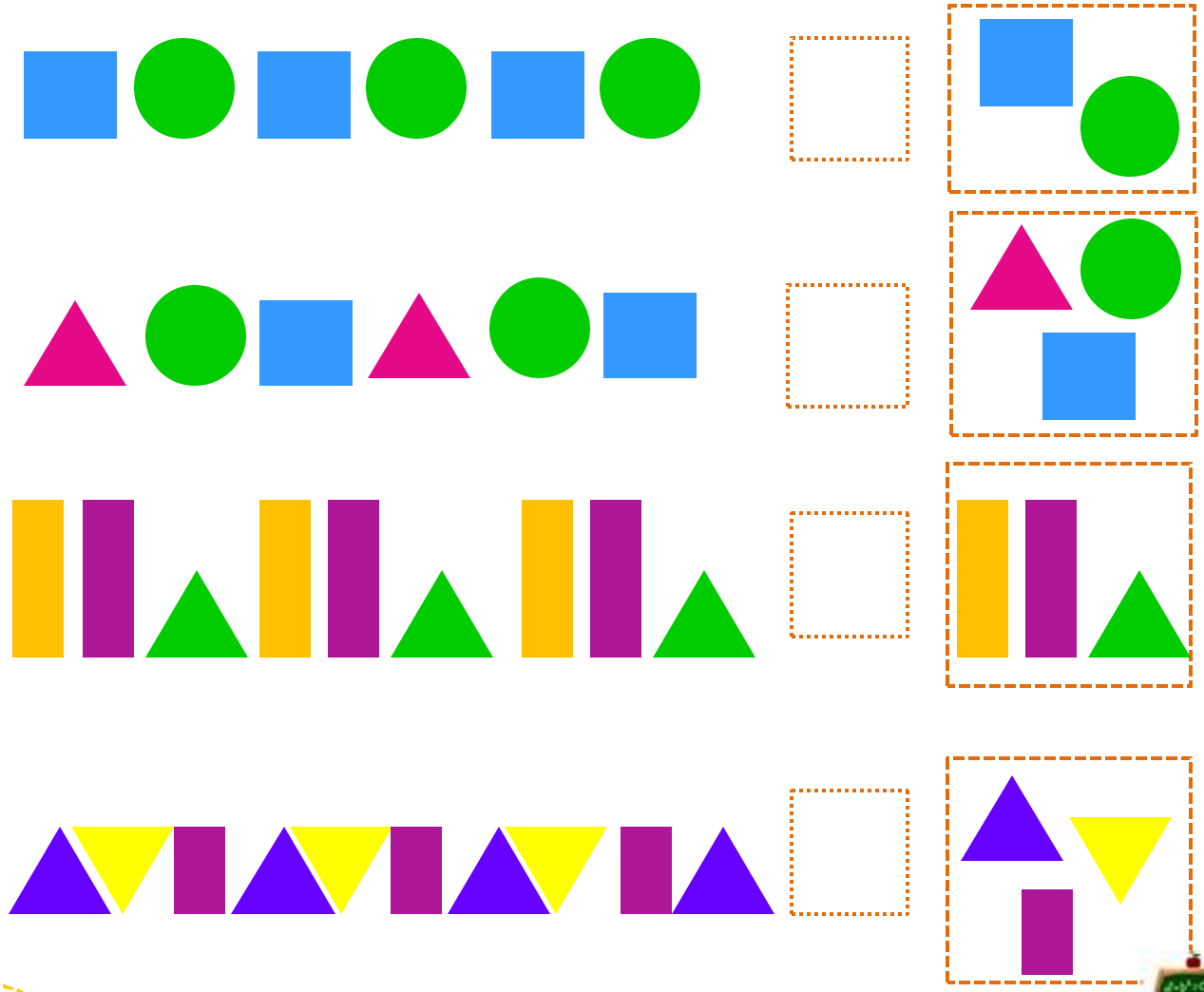
Cylinder

Box

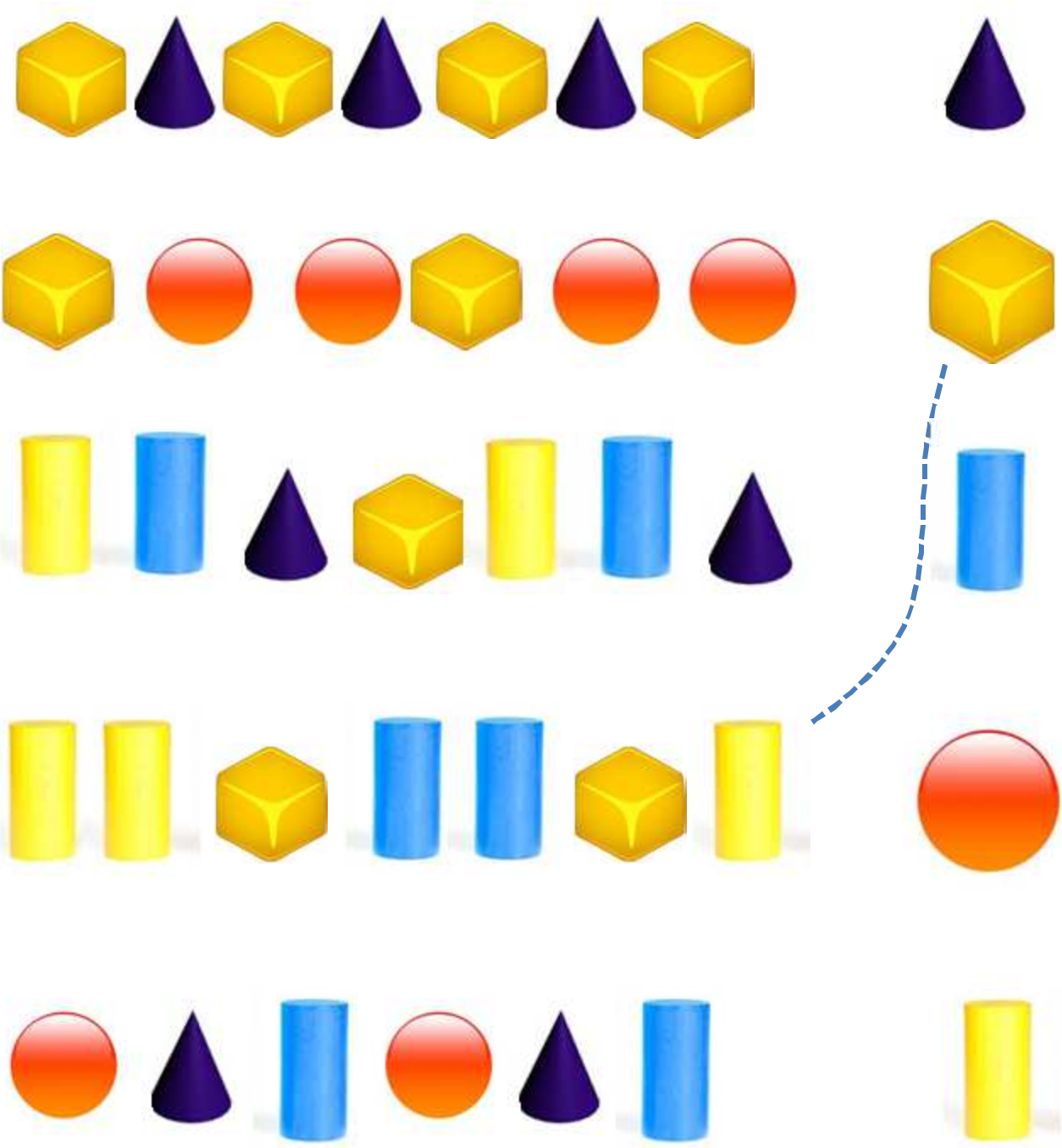
Plane and solid figures: patterns

Design a pattern and show the figure below.

Mark with"X" the figure from the box that comes next in the pattern, or draw this object inside the empty box.

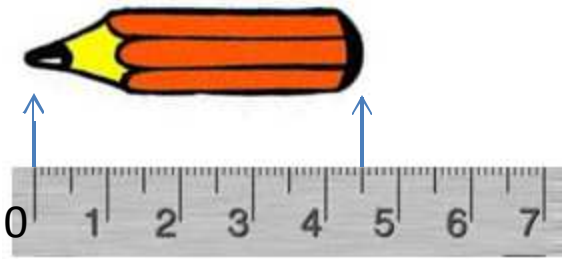


Draw a line between figure on the right and the pattern it follows:



Length estimated measures

1 centimeter = 1 cm



A pencil measures 4.5 centimeters long = 4.5 cm

Write the length of each object. Then use a ruler to measure them or find their length in books.

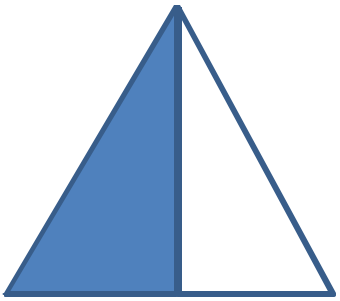
Object	My estimation	Real size
	About _____ cm	_____ cm
	About _____ cm	_____ cm
	About _____ cm	_____ cm
	About _____ cm	_____ cm

Fractions

Grandmother prepared a delicious porridge for John and Camilla. How can they divide it equally?. Draw a picture to show how they will share it: http://www.youtube.com/watch?v=E7ur-j7RbEI

Circle the fraction representing a picture:

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



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

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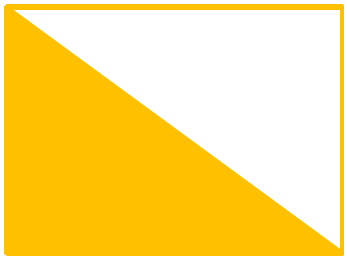

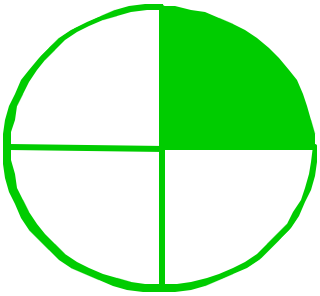

$\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$

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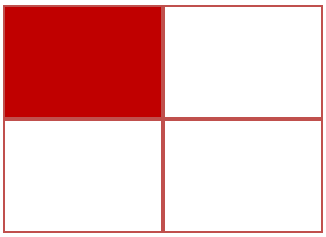
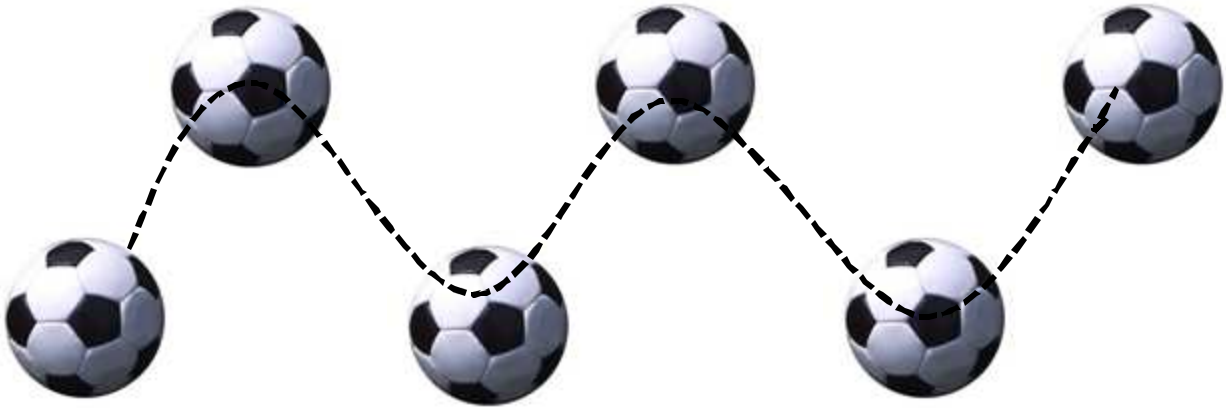


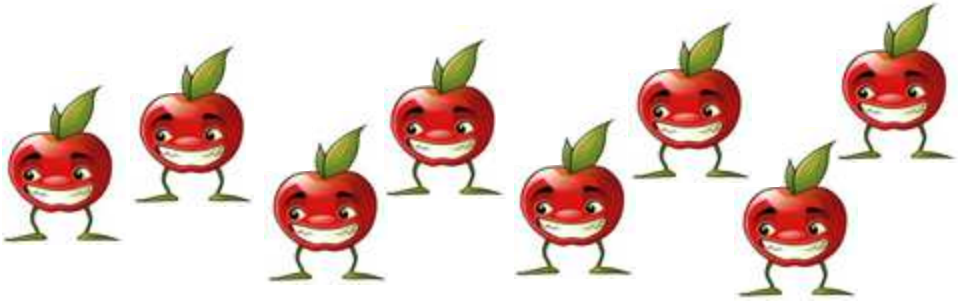
Circle how children can share objects.

There are 6 soccer balls.
Share them between 2 children.

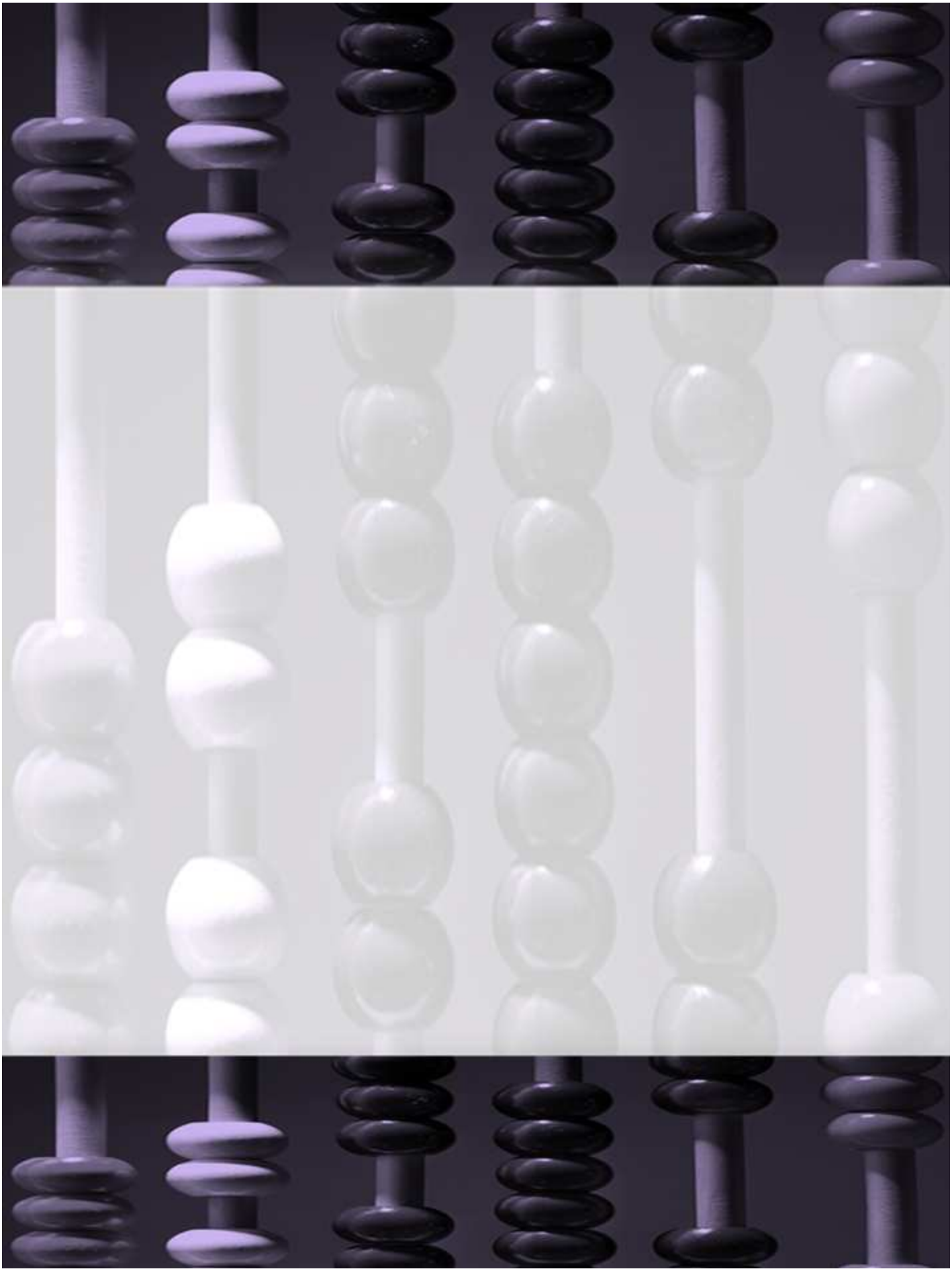


There are 9 bowling balls.
Share them between 3 children.

There are 8 cherries. Share them among 4 children.



There are 10 candies.
Share them between five children.

Share flies between spiders.

Congratulations!
You have finished unit one in math.
Do not forget to send the guide and activities by email.