

Elementary level

Mathematics: "Revision Lesson "Figures"

Objective

- Learn and understand concept of geometric forms
- Enhance shapes and forms in Pixenate
- Clearly identify shapes and uses

Learning environment

Classroom setting with computers available to each student

Types of students

a 1st and 2nd grade classes

Standards

1. Facilitate and Inspire Student Learning and Creativity
2. Design and Develop Digital-Age Learning Experiences and Assessments
3. Model Digital-Age Work and Learning
4. Promote and Model Digital Citizenship and Responsibility
5. Engage in Professional Growth and Leadership

Materials

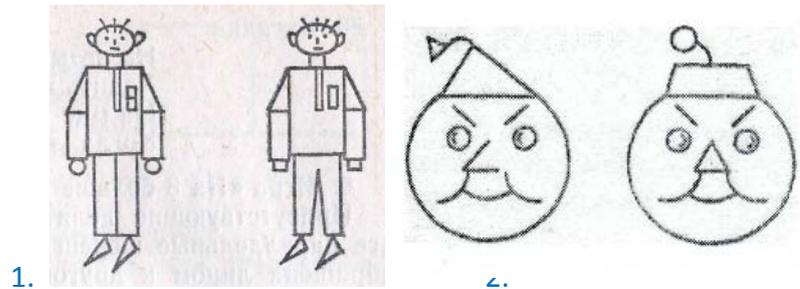
Task worksheet

Pixenate for computer enhancing of photos

Procedures

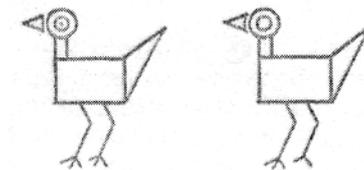
Task one

- a) From what geometric figures are these drawings formed?
- b) How do they differ?



1.

2.

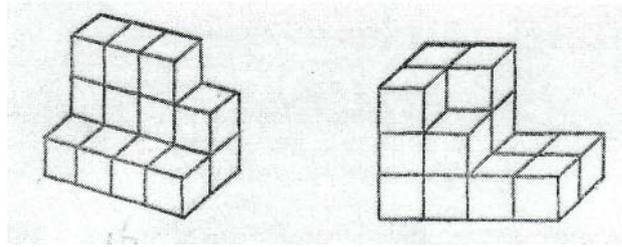


3.

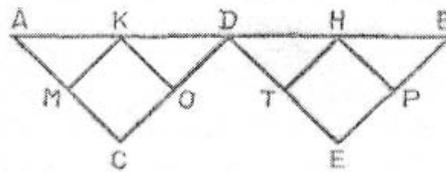
Pupils can enhance, diminish, crop, color by use of Pixenate.

Task two

Look at these two drawings. Which drawing has more cubes?



Task three



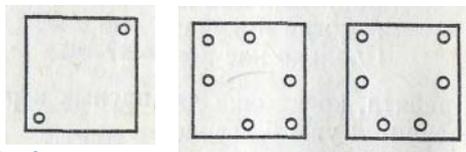
Look at this drawing very attentively. Which way is longer from A to B – by broken ACDEB or by broken AMKODTHPB. At first determine it by your eyes, and after that determine by dimension.

(The answer. The length of broken ACDEB is equal the length of broken KODTHPB)

Task Four

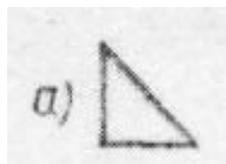
- How can you place two chairs in the room in order to place one chair at each of its four walls?
- It is necessary to place 6 chairs in order to place 2 chairs at each wall of the room.

The answer



Task Five

- Crop from squared paper four identical triangles such as shown in figure a)

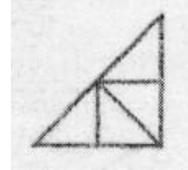
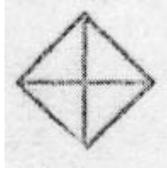


- Form from these triangles a square and then a triangle.

Application

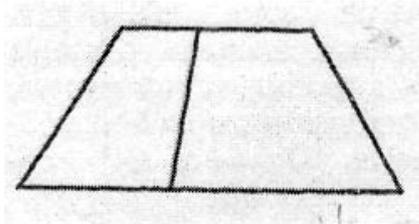
Evaluation

b)



Task Seven

How can you form three quadrangles from five sticks?



Task Eight

Identify similar triangles, and differences

Use Pixenate to learn how to enhance geometric forms

Complete Tasks

Students will be evaluated by the following:

- ability to identify shapes and forms
- figure angles and side lengths
- enhancing photos

PIXENATE
photos made easy