

SESSION : 3
CLASS : 3
SUBJECT : MATHEMATICS
CHAPTER NUMBER: 7
CHAPTER NAME : GEOMETRY
SUBTOPIC : TANGRAMS

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE :

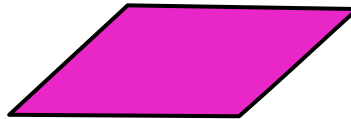
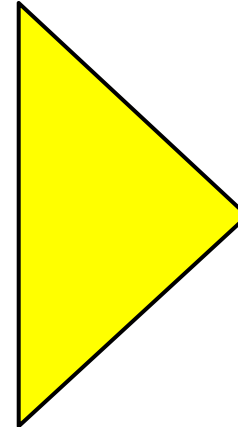
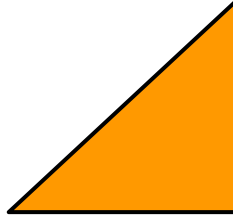
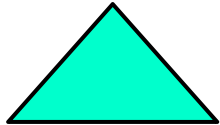
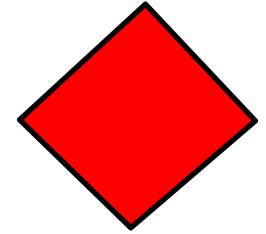
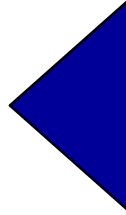
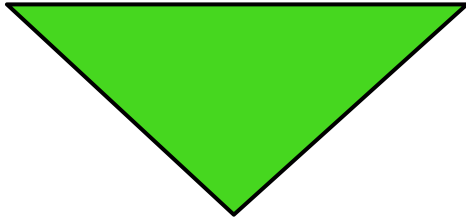
Children will:

- * Recognize the 7 shapes that make a square.
- * Tangrams are great tools for geometry, area, perimeter, and fractions.
- * Practice and create shapes using Tangram pieces.
- * Use problem solving skills to create animal Tangrams.
- * Build fine motor skills.

GEOMETRY

TANGRAMS

These are some 2 - D shapes?

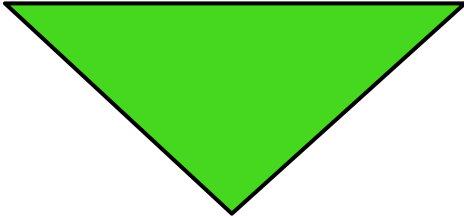


GEOMETRY

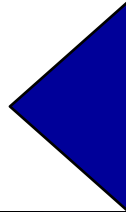
TANGRAMS

Can you name these shapes?

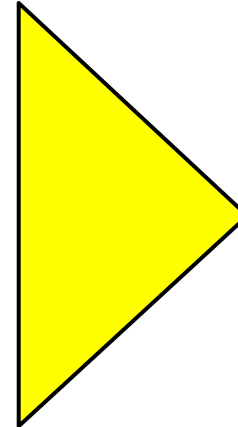
Triangle



Triangle



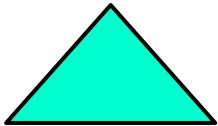
Triangle



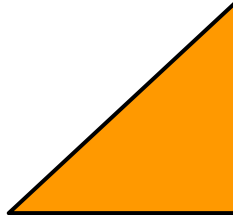
Square



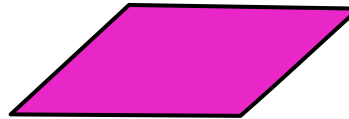
Triangle



Triangle



Parallelogram



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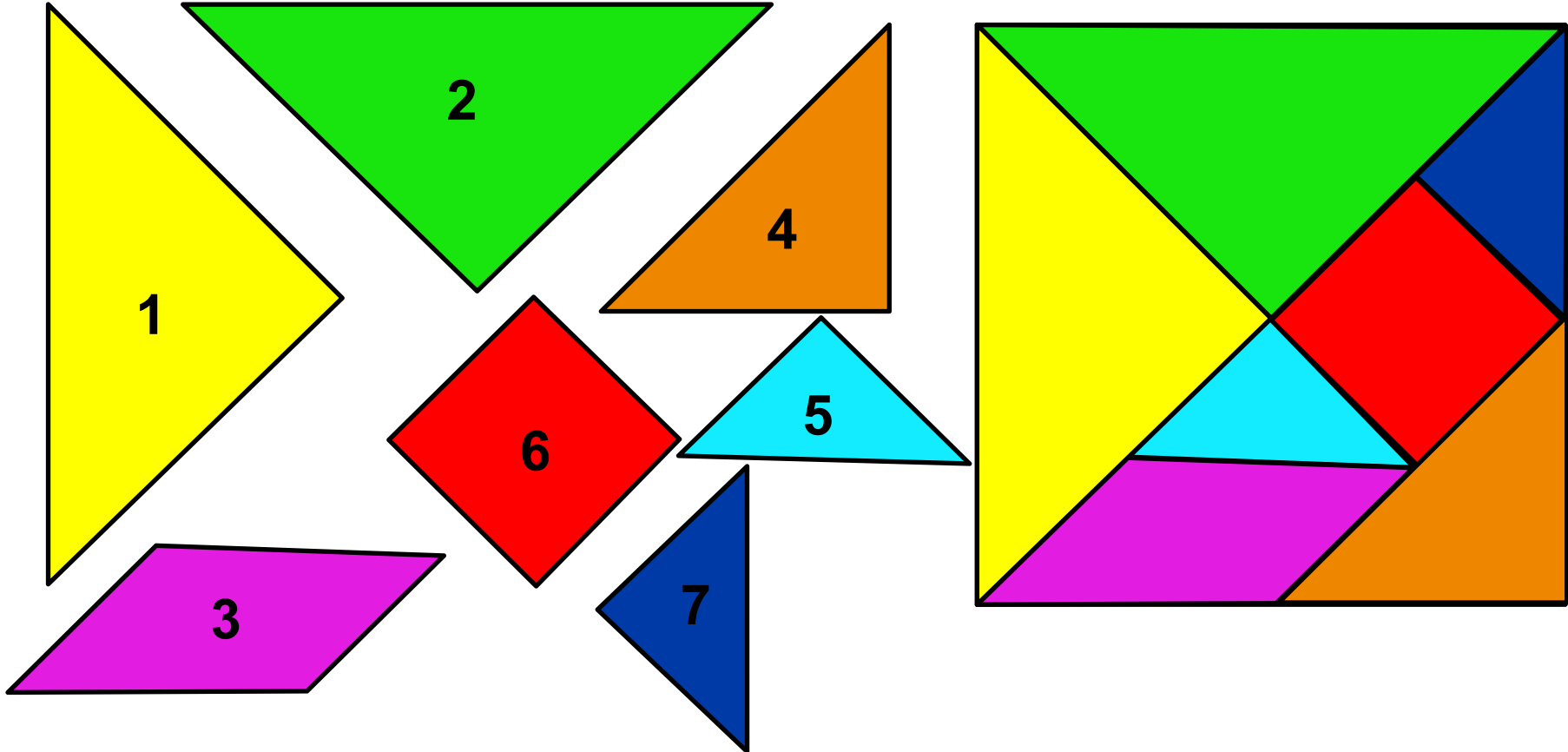
What is a tangram?

A Tangram is a puzzle or a tricky set of seven geometric shapes made up of two small triangles, one medium triangle, two large triangles (total five triangles), a square, and a parallelogram.

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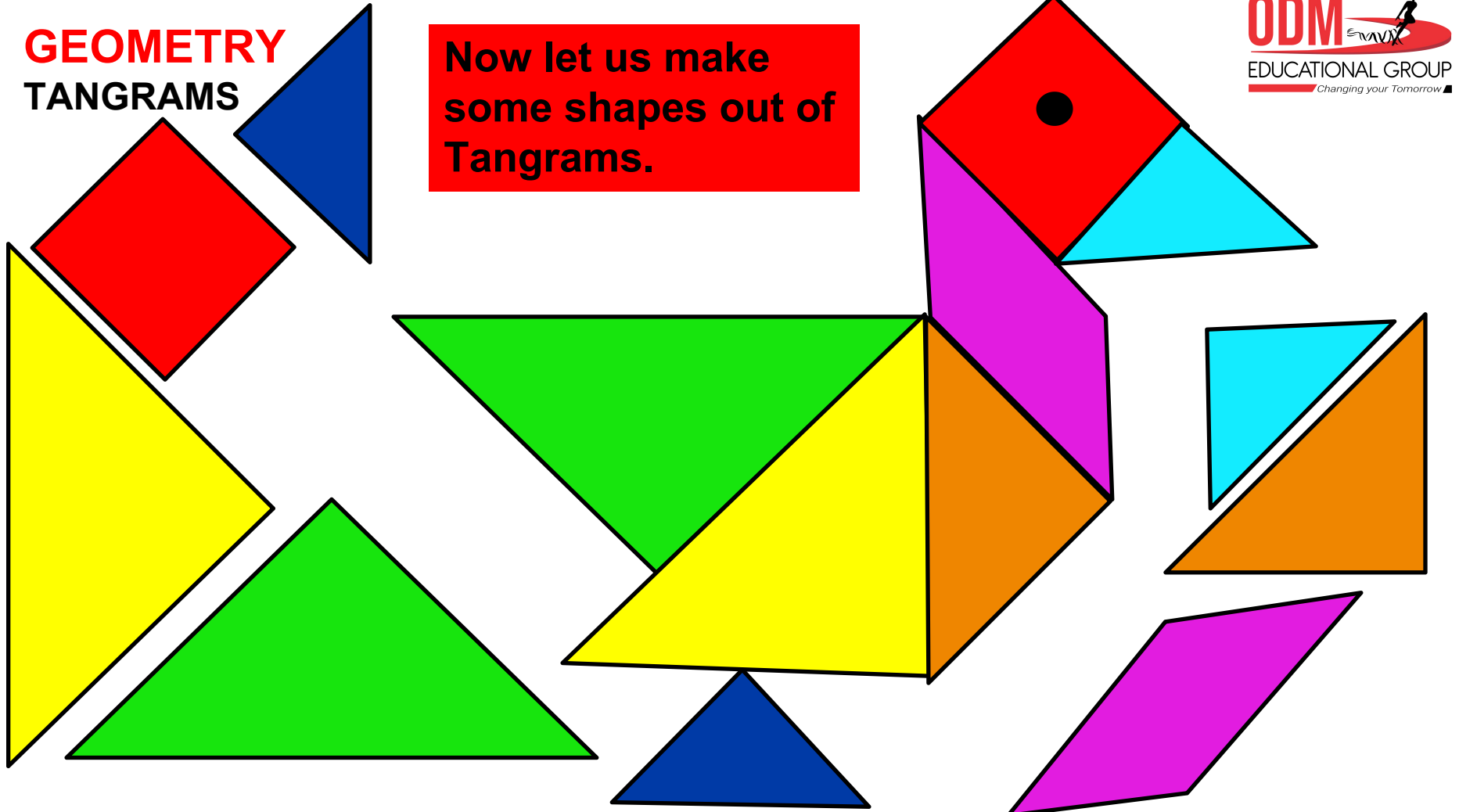
Now let us arrange and see?



GEOMETRY

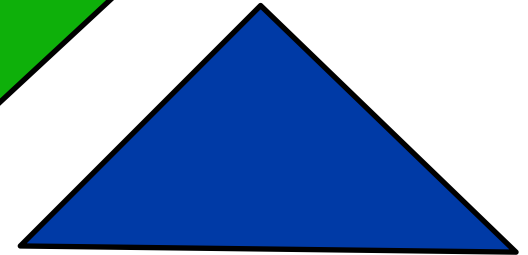
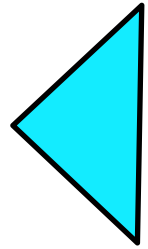
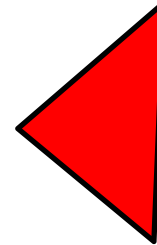
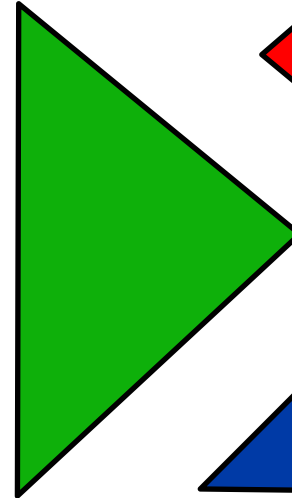
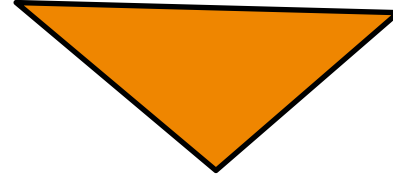
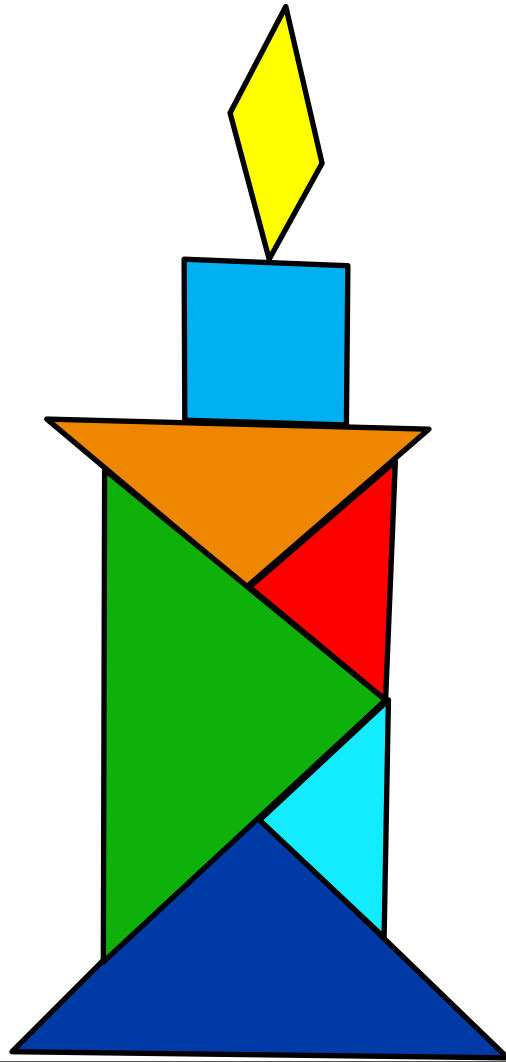
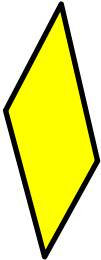
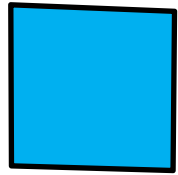
TANGRAMS

Now let us make
some shapes out of
Tangrams.



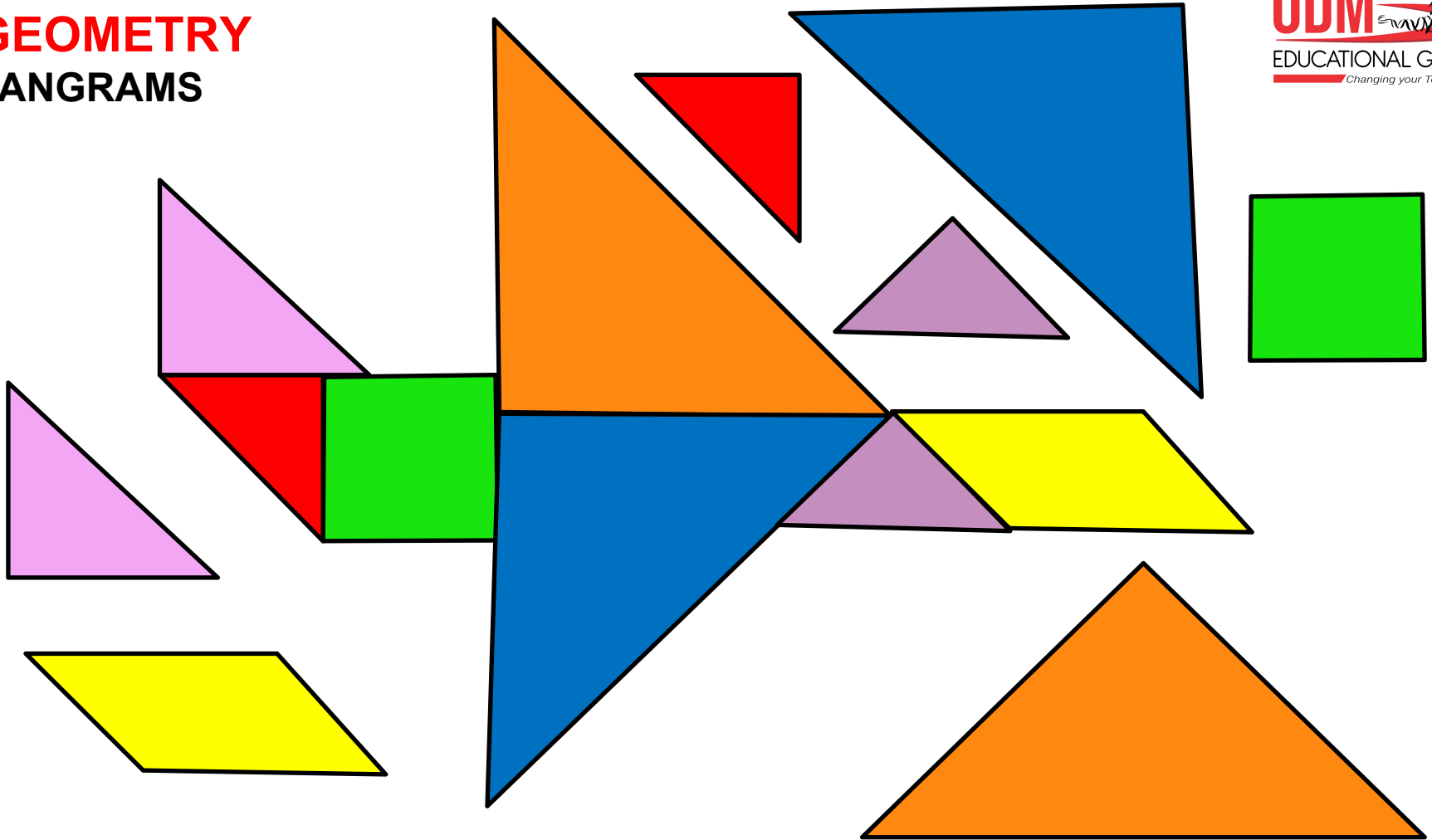
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TANGRAMS



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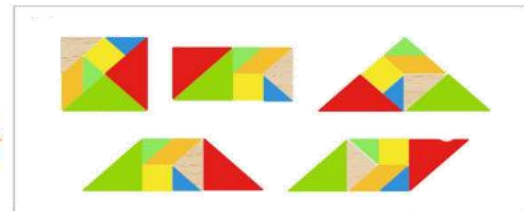
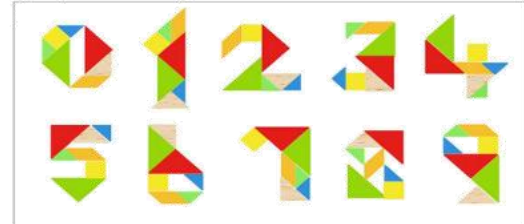
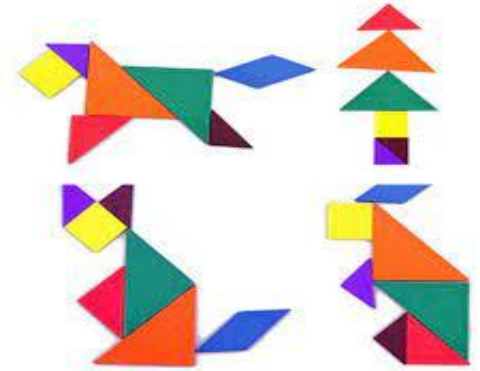
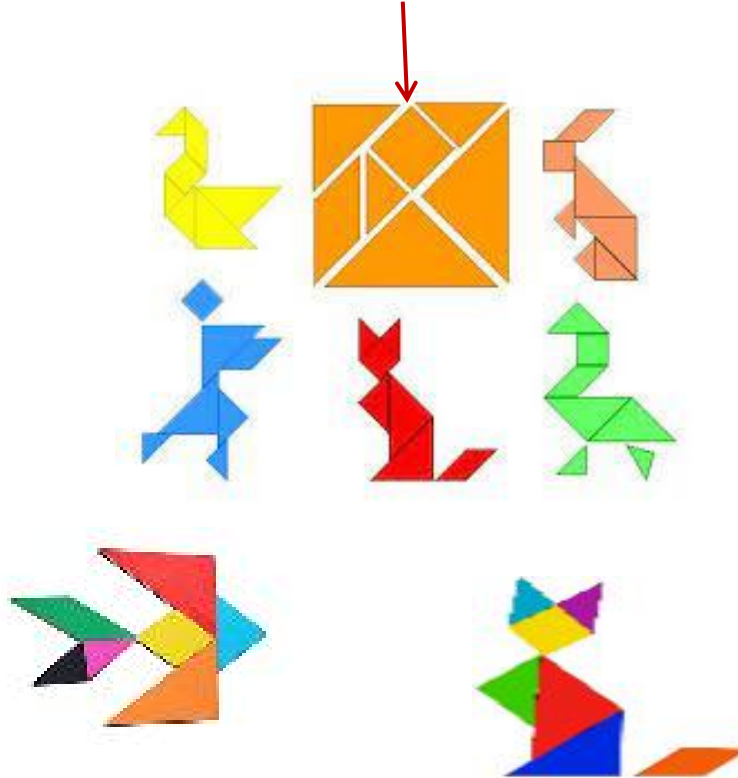
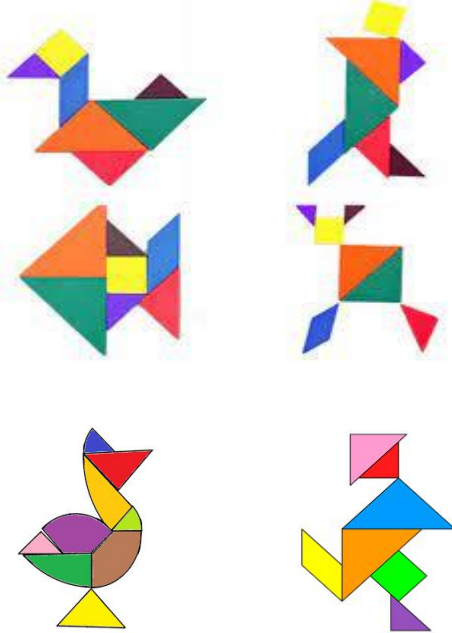
TANGRAMS



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TANGRAMS

These are some of the shapes made using TANGRAMS



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Exercise-7 B in the book.



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Answer the following questions:

1) How many peices are there in a tangram puzzle ?

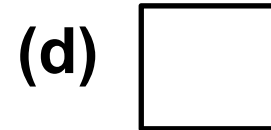
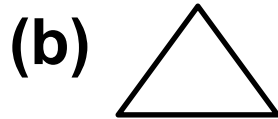
(a) 9

(b) 7

(c) 6

(d) 8

2) Which of the following is not a tangram pieces.



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3) How many triangles are there in a tangram puzzle ?

(a) 7

(b) 4

(c) 2

(d) 5

4) Tangrams originated in which of the following countries ?

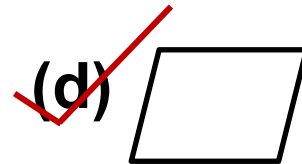
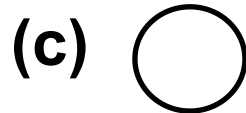
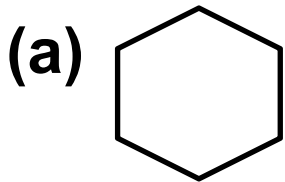
(a) Europe

(b) Japan

(c) China

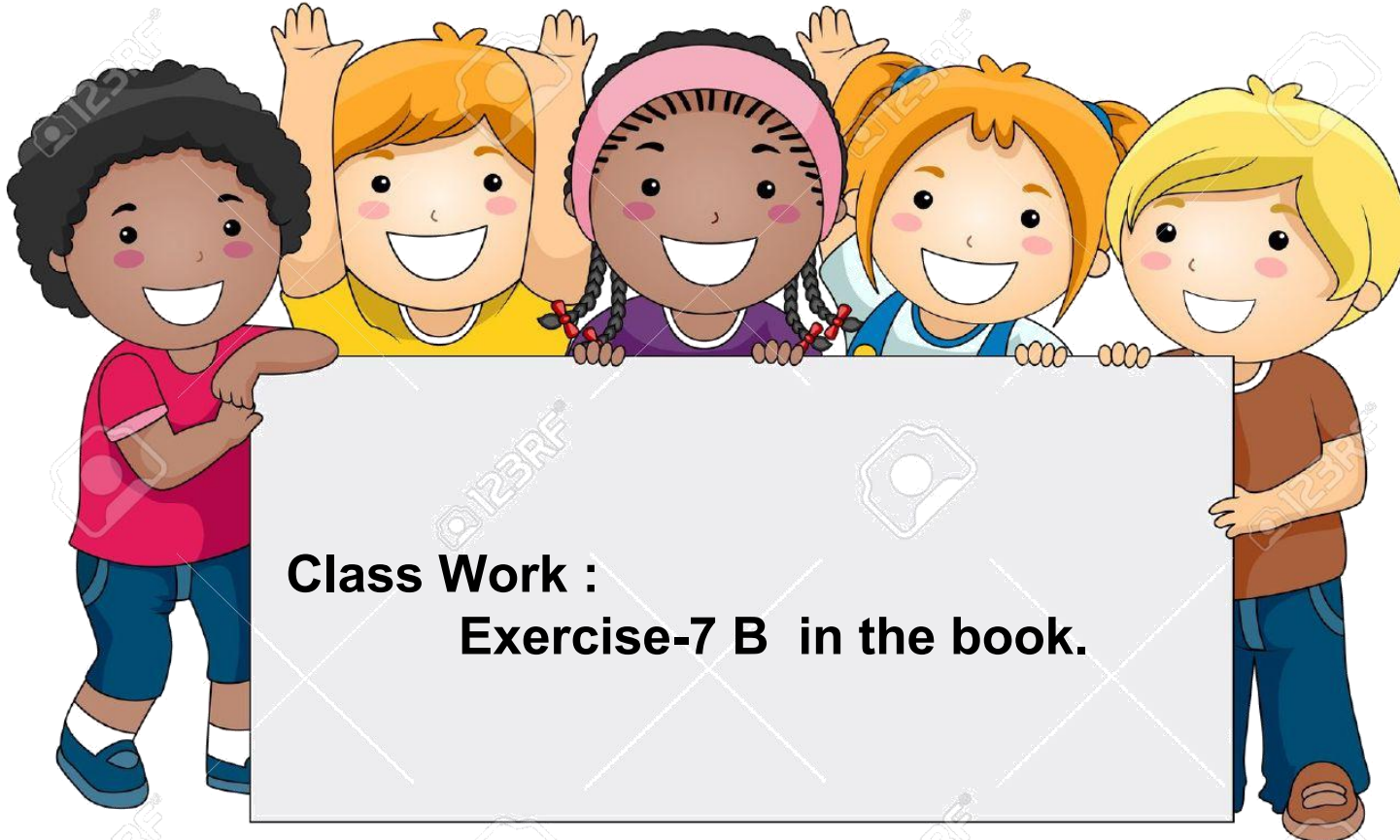
(d) India

5) Which of the following is a tangram pieces?



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TANGRAMS



Class Work :
Exercise-7 B in the book.

LEARNING OUTCOME:

Children recognizes the 7 shapes that make a square. Learn about tangrams that are great tools for geometry, area, perimeter, and fractions. Practice and create shapes using Tangram pieces. Use problem solving skills to create animal Tangrams. Build fine motor skills.

THANKING YOU
ODM EDUCATIONAL GROUP