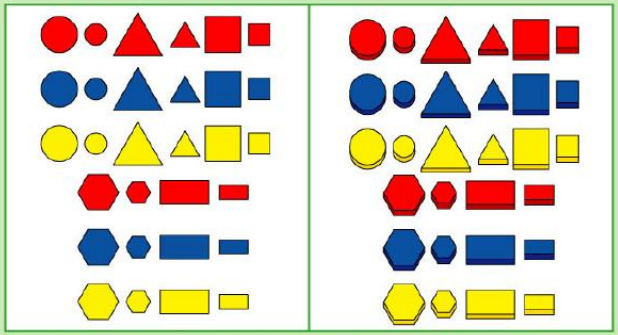
And how are the blocks sorted here?



These are just some examples of how attribute blocks can be sorted. There are many other characteristics around which sorting and classifying can be done. Can you think of other examples?

Please answer each question about each set.

Q 1: How many in subset A only?

Q2: How many in subset B only?

Q3: How many in the intersection?

Q4: How many ouside the subsets A and B?

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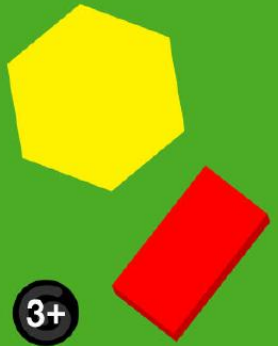
Attribute Blocks are manipulative that have four different attributes: shape (circle, triangle, square, hexagon, and rectangle); color (red, blue, and yellow); size (big and small); and thickness (thick and thin).



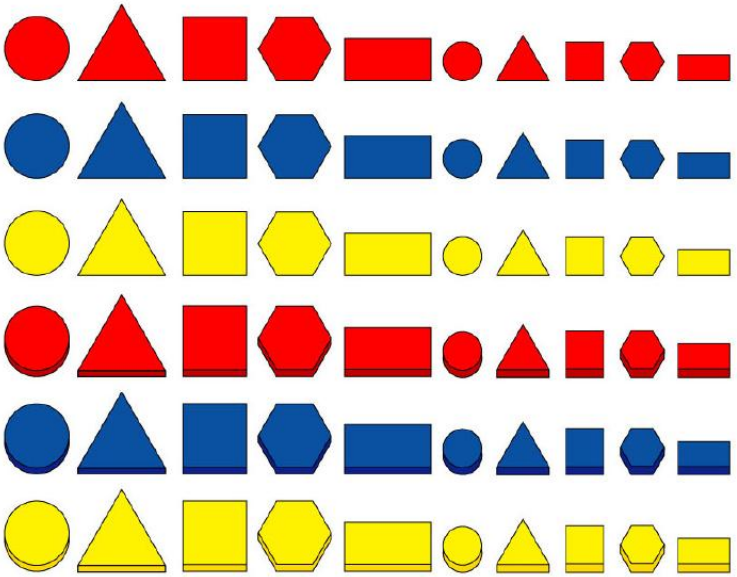
3+

ATTRIBUTE LOGIC BLOCKS

Tips

Since patterning and classification form the basis of early mathematical reasoning in the primary grades, the student work in this session involves pattern recognition and classification.

PARTS LIST



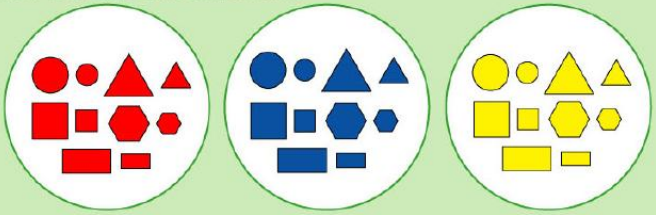
Observe the blocks:

Before beginning following activities, students should have time to explore this logic attribute blocks with a partner for several minutes while the teacher informally observes what the students do with the blocks.

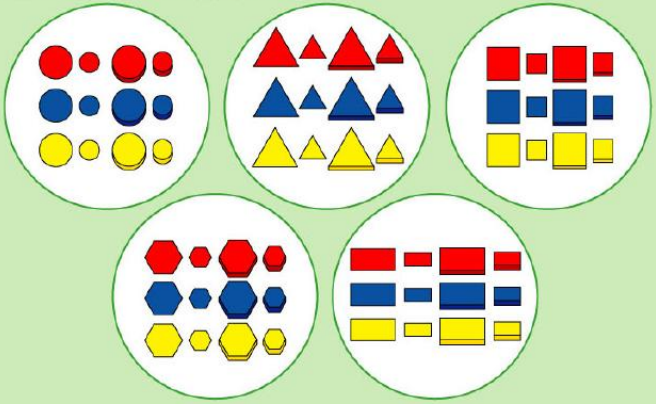
Answer the following questions about the blocks:

- If you were to sort the blocks, how might you choose to do so?
- How would you describe the pieces by shape?
- How would you describe the pieces by color?
- How would you describe the pieces by size?
- How would you describe the pieces by thickness?

How are the blocks sorted here?



How are the blocks sorted here?



How are the blocks sorted here?