Mortimer's Math

Sorting

Karen Bryant-Mole

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sorting

Mortimer the bear is picking up his toys. He is putting the animals into the red basket, the cars into the yellow basket, and the food into the blue basket.



I am making a group of animals, a group of cars, and a group of food.

Putting things into groups is called sorting. Help Mortimer finish sorting his toys. Tell him where each toy belongs.

sets

•••

6

Mortimer loves drawing and painting.

I have a group of felt pens, a group of pencils, and a group of paintbrushes. A group of objects that belong together is called a set.





a set of colored pencils

a set of paintbrushes

a set of felt pens

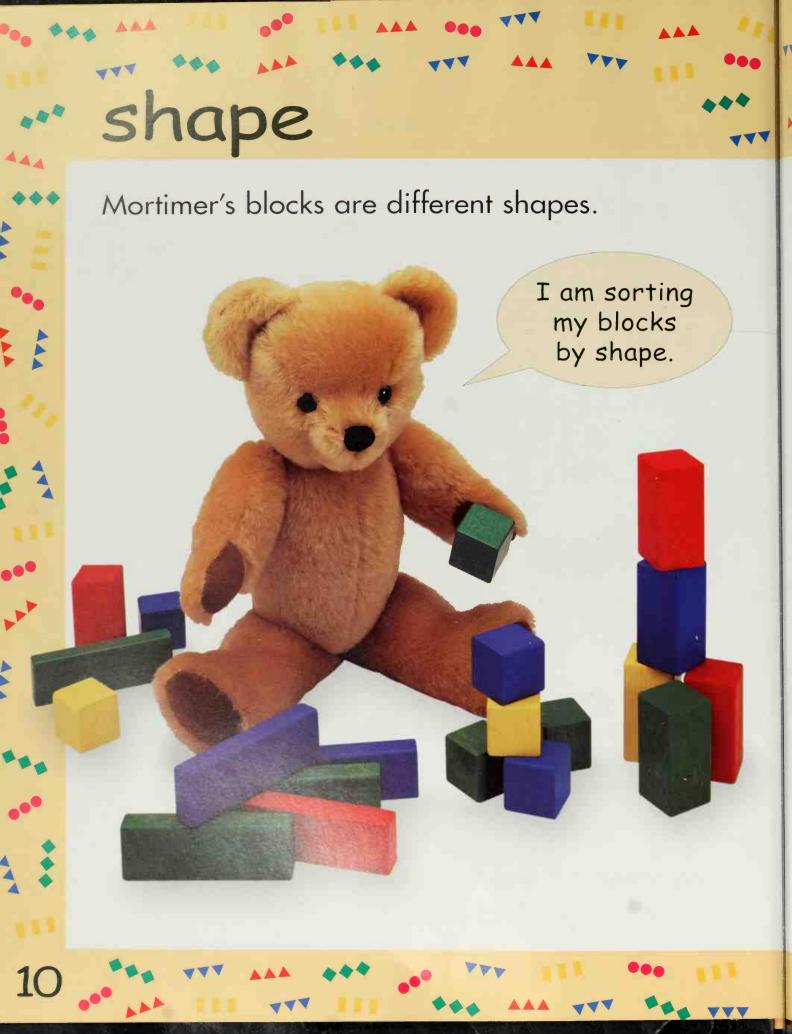
color

8

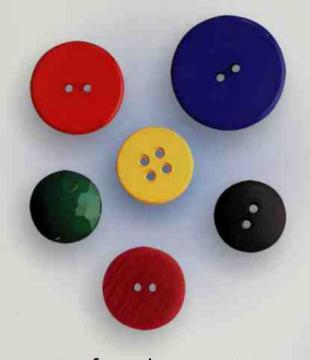
Mortimer is sorting his clothespins into sets of different colors.

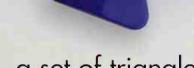
I am making a green set, a red set, and a blue set.

Mortimer still has some clothespins to sort. To which pile does each belong?



Here are some buttons that have been sorted by shape.





0

. .

a set of triangles

0 6

11

a set of circles

a set of squares

material

12

Mortimer's boat is made of plastic. His car is made of metal.

> Plastic and metal are different kinds of materials.

These things have been sorted by material.



a set of plastic objects



texture

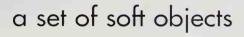
Mortimer is ready for a bath.

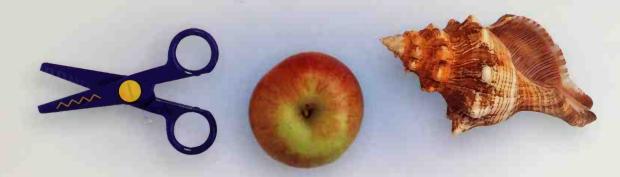
My towel feels soft. The soap and the soap dish feel hard.

14

The way something feels is called its texture.

Here are some more objects that have been sorted by texture.





a set of hard objects

at home

You can sort things any way you choose.

444

16

All these things belong in my bedroom.

23

5

Some of these objects are used in the garden, some are used in the kitchen, and some are used in the bathroom.

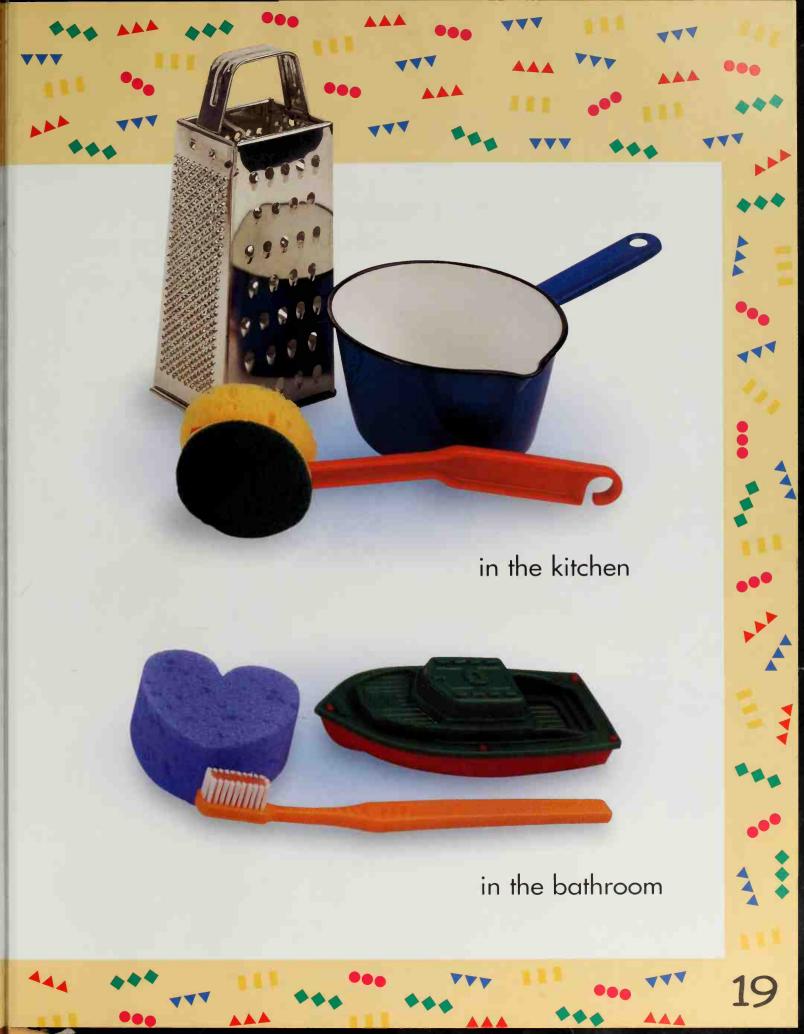
Which things belong together?

I have sorted everything into three different sets.

in the garden



444



different sets

Mortimer is getting ready to drink tea.

I can sort my dishes in more than one way.

Look at everything very carefully. Can you think of two different ways to sort the dishes?

I have made a set of cups, a set of saucers, and a set of plates.

44

22 .

I can also sort my dishes by color.

23

Find some of your own toys and see how many different ways you can sort them.

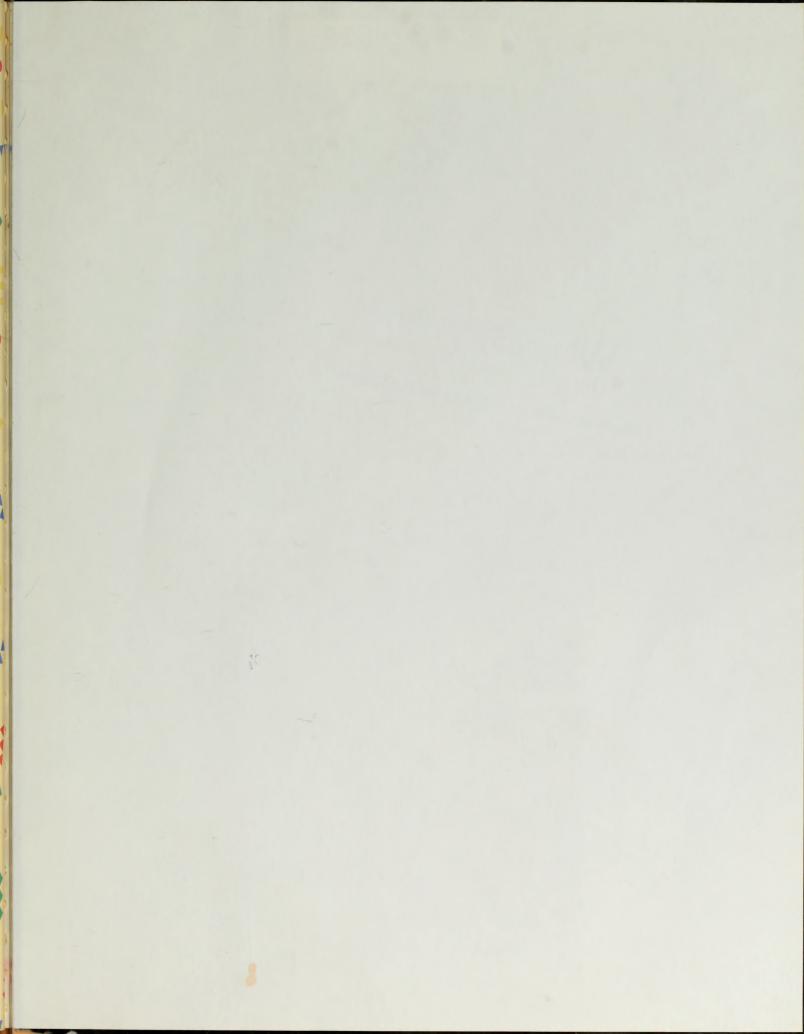
glossary/index

- **group** a collection of things or people gathered together 5, 6, 7
- material what something is made of, such as metal, plastic, cloth, or wood 12-13
- **metal** a material, such as gold or silver, that is usually shiny and hard 12, 13
- plastic a strong yet lightweight material made from chemicals in factories 12, 13
- set a group of things that are alike in some way or are used together 6-7, 8, 9, 11, 13, 15, 18, 22
- sorting putting things that are alike in some way, such as color or size, into groups 4-5, 8, 9, 10, 11, 13, 15, 16, 18, 20, 21, 23
- **texture** the way something feels, like bumpy tree bark or the smooth skin of an apple 14-15

videos

Bill Cosby's Picture Pages: Shapes and Colors. (Front Row Video)

Math Is Fun series. (Great Plains Instructional Library) Same and Different. (United Learning, Inc.)





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Mortimer's Math

Mortimer's Math is a special series that invites young readers to join the fun as cuddly Mortimer bear explores basic math concepts. Clearly written text and colorful photographs engage readers in simple learning activities.

Sorting

Color sets, shape sets, texture sets — learning to sort objects is fun. Can you help Mortimer sort things into sets?

