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# Standards and Benchmarks

The activities in this book meet the following standards, which are used with permission from McREL.

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Telephone: 303-377-0990 Website: [www.mcrel.org/standards-benchmarks](http://www.mcrel.org/standards-benchmarks)

## Standard 2. Understands and applies basic and advanced properties of the concepts of numbers

### Level Pre-K (Grades Pre-K)

1. Understands that numbers represent the quantity of objects
2. Counts by ones to ten or higher
3. Counts objects
4. Understands one-to-one correspondence
5. Understands the concept of position in a sequence (e.g., first, last)
6. Knows the written numerals 0–9
7. Knows the common language for comparing quantity of objects (e.g., “more than,” “less than,” “same as”)
8. Understands that a whole object can be separated into parts
9. Knows that numbers are used in real-world situations

### Level I (Grades K–2)

1. Understands that numerals are symbols used to represent quantities or attributes of real-world objects
2. Counts whole numbers (i.e., both cardinal and ordinal numbers)
3. Understands symbolic, concrete, and pictorial representations of numbers (e.g., written numerals, objects in sets, number lines)

## Standard 5. Understands and applies basic and advanced properties of the concepts of geometry

### Level Pre-K (Grades Pre-K)

1. Knows basic geometric language for naming shapes (e.g., circle, triangle, square, rectangle)
5. Sorts and groups objects by attributes (e.g., shape, size, color)

### Level I (Grades K–2)

4. Understands that patterns can be made by putting different shapes together or taking them apart

## Standard 8. Understands and applies basic and advanced properties of functions and algebra

### Level Pre-K (Grades Pre-K)

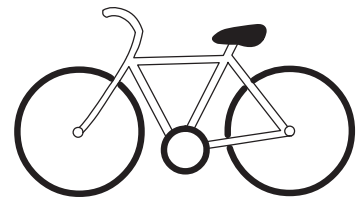
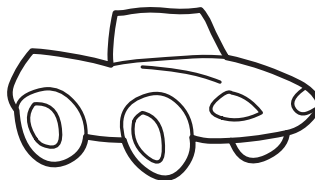
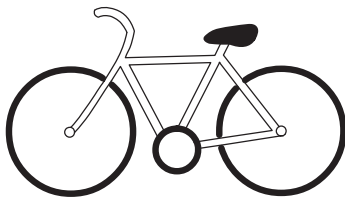
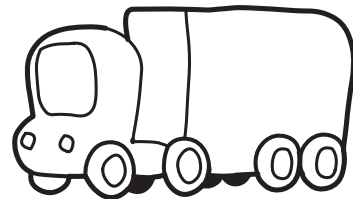
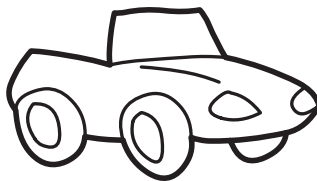
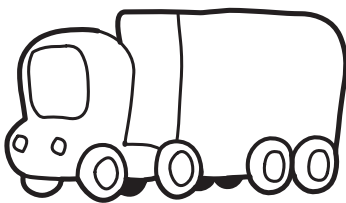
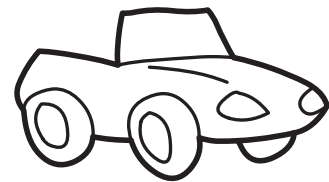
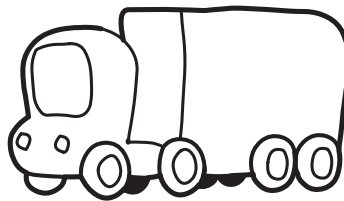
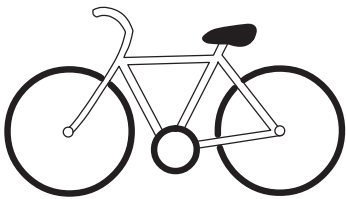
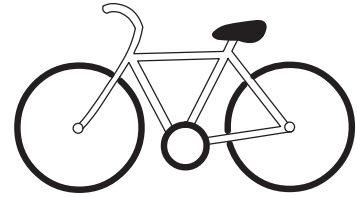
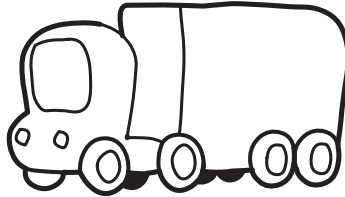
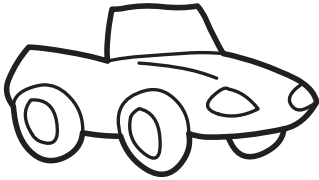
1. Understands simple patterns (e.g., boy-girl-boy-girl)
2. Repeats simple patterns

### Level I (Grades K–2)

1. Recognizes regularities in a variety of contexts (e.g., events, designs, shapes, sets of numbers)
2. Extends simple patterns (e.g., of numbers, physical objects, geometric shapes)

# Matching Pictures

Color the pictures that are the same in the same color. Use a different color for each set.

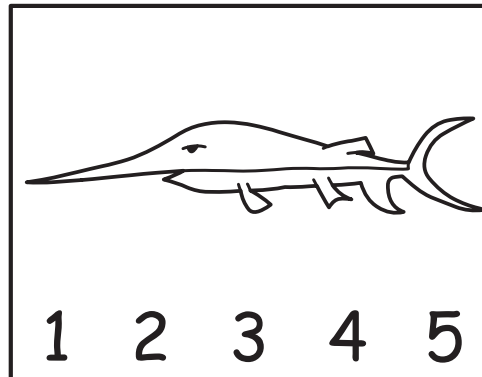
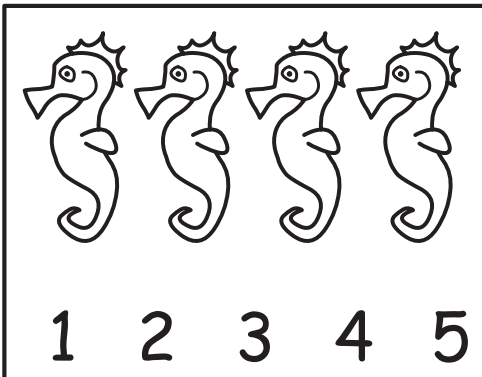
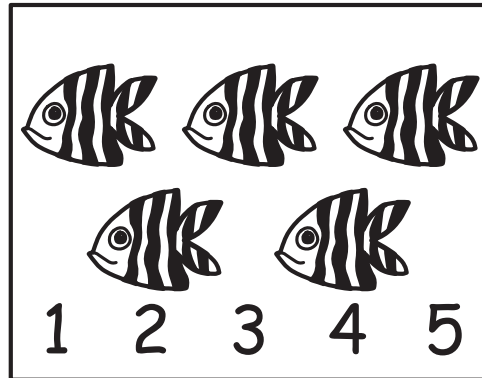
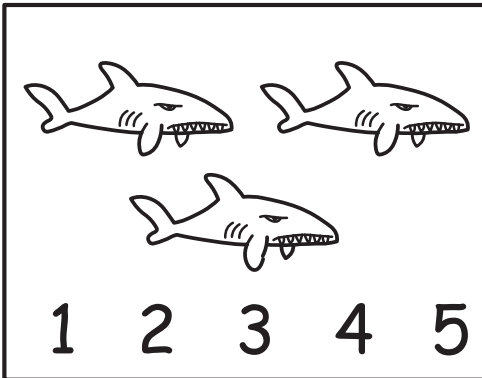
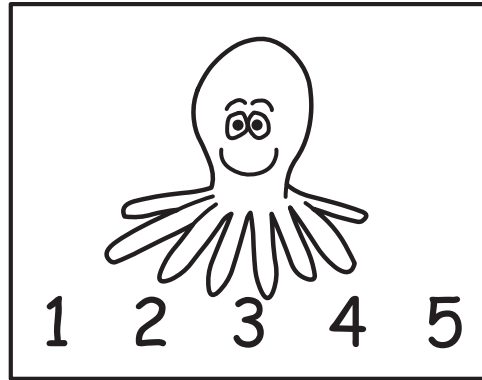
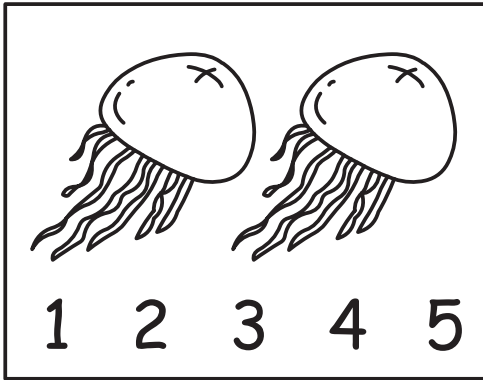


**EXTRA!**

Ask students to tell you how many things are in each group.

# Finding the Matching Number from 1-5

How many people or animals can you see in each box? Circle the matching number.



**EXTRA!**

Ask students if there are more jellyfish than sharks on this page. Then count them to check.