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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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Address: 2250 S. Parker Road, Suite 500, Aurora, CO 80014

Telephone: 303-377-0990 Website: www.mcrel.org/standards-benchmarks

Standard 1. Uses a variety of strategies in the problem-solving process

Level I (Grades K–2)

1. Draws pictures to represent problems

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

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)
4. Understands basic whole number relationships (e.g., 4 is less than 10, 30 is 3 tens)
5. Understands the concept of a unit and its subdivision into equal parts (e.g., one object, such as a candy bar, and its division into equal parts to be shared among four people)

Standard 3. Uses basic and advanced procedures while performing the processes of computation

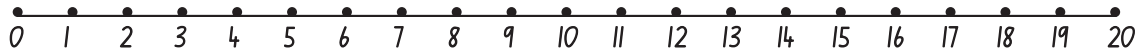
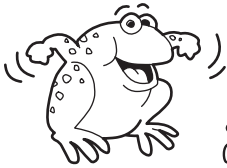
Level I (Grades K–2)

1. Adds and subtracts whole numbers
2. Solves real-world problems involving addition and subtraction of whole numbers
4. Understands the inverse relationship between addition and subtraction

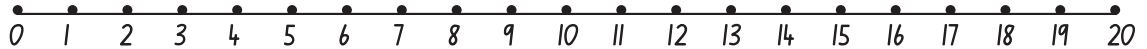
Counting Back from 20

Imagine that you are a frog. You can jump on a number line to help you subtract. Start by jumping from 0 to your first number. Then jump back in small jumps to match the second number. The number you land on is your answer.

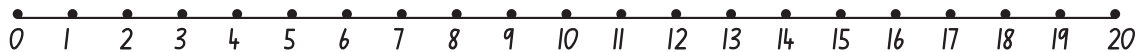
$$16 - 6 = \bigcirc$$



$$18 - 9 = \bigcirc$$



$$17 - 4 = \bigcirc$$



EXTRA!

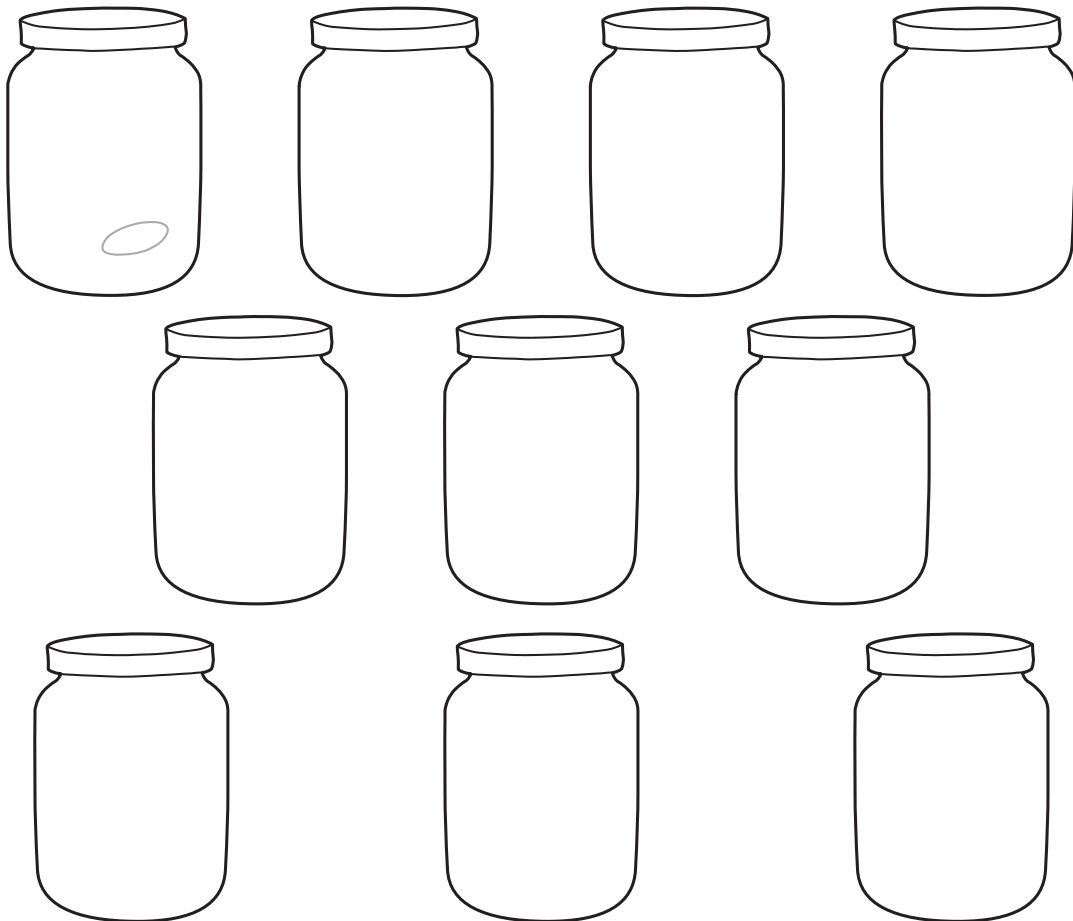
Use a set of counters to match each problem. For example, use 16 counters then take 6 away. How many are left?

NAME

Making a Fair Share of 5s

Sharing objects is easy! To share 50 cookies between 10 jars, draw 1 cookie in each jar, counting as you go. Then put another cookie in each jar, and keep doing this until you reach 50. How many cookies does each jar have? Write this number in the box.

Share 50 cookies equally between 10 jars.



How many cookies each?

EXTRA!

Ask students to share 30 pencils among 6 people.
How many pencils will each person have?