HOW TO USE THIS BOOK

180 Days of Math for First Grade offers teachers and parents a full page of daily mathematics practice activities for each day of the school year.

Easy to Use and Standards-Based

These activities reinforce grade-level skills across a variety of mathematical concepts. The questions are provided as a full practice page, making them easy to prepare and implement as part of a classroom morning routine, at the beginning of each mathematics lesson, or as homework.

Every first-grade practice page provides 8 questions, each tied to a specific mathematical concept. Students are given the opportunity for regular practice in each mathematical concept, allowing them to build confidence through these quick standards-based activities.

Question	Mathematics Concept	NCTM Standards
1	Number Sense	Understands numbers, ways of representing numbers, relationships among numbers, and number systems
2	Addition	Understands meanings of operations and how they relate to one another; Computes fluently and makes reasonable estimates; Develops and uses strategies for whole-number computations, with a focus on addition and subtraction
3	Subtraction	
4	Algebraic Thinking	Understands patterns, relations, and functions; Models situations that involve the addition and subtraction of whole numbers, using objects, pictures, and symbols
5	Geometry	Analyzes characteristics and properties of two-dimensional and three-dimensional geometric shapes and develops mathematical arguments about geometric relationships; Describes attributes and parts of two- and three-dimensional shapes
6	Measurement	Understands measurable attributes of objects and the units, systems, and processes of measurement; Recognizes the attributes of length, volume, weight, area, and time
7	Data Analysis	Formulates questions that can be addressed with data and collects, organizes, and displays relevant data to answer them
8	Word Problem/Logic Problem or Mathematical Reasoning	Builds new mathematical knowledge through problem solving; Solves problems that arise in mathematics and in other contexts

Standards are listed with the permission of the National Council of Teachers of Mathematics (NCTM). NCTM does not endorse the content or validity of these alignments.

NAME:_____

Solve each problem.

SCORE

1. ☺☹

2. ☺☹

3. ☺☹

4. ☺☹

5. ☺☹

6. ☺☹

7. ☺☹

8. ☺☹

____ / 8
Total

1. Write the number word for 72.

_____

2. $5 + 5 + 0 = \boxed{}$

3.
$$\begin{array}{r} 19 \\ -\ 10 \\ \hline \end{array}$$
$\boxed{}$

4. True or false?
$7 + 0 = 6 + 1$

_____

5. Draw a bat near the baseball.

6. Is the animal longer than your pencil?
Circle: yes   no

7. Favorite Activity on the Weekend

Play Video Games	⳾⳾⳾⳾ ⳾
Read	⳾⳾⳾⳾ ⳾⳾⳾
Play with Toys	⳾⳾⳾⳾

Two more children were asked their favorite activities. One said reading and one said playing with toys. Now how many children prefer reading?

_____

8. Meg picked 67 blueberries. Then she picked 10 more. How many blueberries did Meg pick in all?
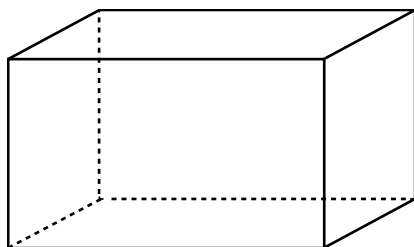
_____

NAME:_____

DIRECTIONS Solve each problem.

1. 99 has _____ tens and _____ ones.

2.
```
    6
    1
+   1
-----
```

3. 17 – 9 = ☐

4. Complete the pattern.
52   50   48   ___   44

5. How many curved surfaces does the object have?

_____

6. Circle the months that have 31 days.
June
July
August

7. **Number of Students**

Mrs. Garcia	23
Mr. Ream	21
Mrs. Stein	24
Mr. Miller	22

How many more students are in Mrs. Garcia's class than in Mr. Miller's class?

_____

8. Write one addition number sentence and one subtraction number sentence with the numbers 1, 6, and 7.

_____

_____

1.☺☹
2.☺☹
3.☺☹
4.☺☹
5.☺☹
6.☺☹
7.☺☹
8.☺☹

___ / 8
Total

NAME:_____

DIRECTIONS Solve each problem.

SCORE

1. ☺ ☹

2. ☺ ☹

3. ☺ ☹

4. ☺ ☹

5. ☺ ☹

6. ☺ ☹

7. ☺ ☹

8. ☺ ☹

____ / 8
Total

1. Fill in the circle with <, >, or =.

52 〇 52

2. 6 + 5 + 2 = ⬜

3.   18
   –   8
   ⬜

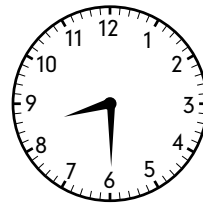**4.** Write the missing number.

16 – ⬜ = 7

5. What smaller shapes make this hexagon?

_____
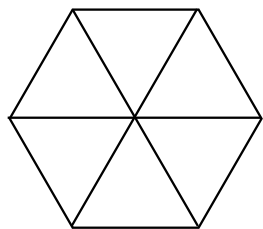
6. Write the time.

_____ : _____

7. What question would you ask to find out about the color of your friend's bike?

_____

_____

8. Write the children in order. Will is second. Trish is before Will. Mark is not before Trish.

1. _____

2. _____

3. _____

NAME:_____

DIRECTIONS Solve each problem.

1. About how many chairs are in a classroom? Circle one:

20   100

2.
```
   1
   3
+  8
─────
  [ ]
```

3. 20 – 0 = [ ]

4.
```
   8
+ [ ]
─────
  10
```

5. Draw a shape with 8 sides.

6. Record the length.

_____ crayons

7.

Awards Won

Number of Awards				
6				
5				
4				
3				
2				
1				
0	Sue	Paul	Rory	Chu

Name

If Paul wins 2 more awards, who will have won the most awards?

_____

8. Randy will be 10 in 4 years. How old is Randy now?

_____

1. ☺ ☹

2. ☺ ☹

3. ☺ ☹

4. ☺ ☹

5. ☺ ☹

6. ☺ ☹

7. ☺ ☹

8. ☺ ☹

___ / 8
Total

NAME: _____

DIRECTIONS Solve each problem.

1. Write the missing numbers.

53, _____, _____, 56

2. $7 + 5 + 7 = \boxed{}$

3.
$$\begin{array}{r} 17 \\ -0 \\ \hline \boxed{} \end{array}$$

4. $16 - \boxed{} = 8$

5. Draw a road below the car.

6. Is a door taller or shorter than a child?

_____

7. Create a chart showing the following data.
- Tom scored 5 goals, but Tony scored 4 more goals than Tom.
- Jacqueline scored 8 goals.
- Nikki scored 5 more goals than Tony.

Number of Goals Scored This Season

Tom	
Tony	
Jacqueline	
Nikki	

8. Today is September 27th. Dean's birthday was one month ago. In what month was Dean's birthday?
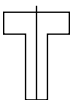
_____

Day 152
1. There should be 6 tens rods and 2 ones cubes drawn.
2. 6
3. 7
4. 5
5. 6 angles
6. a thermometer
7. There should be 21 tally marks drawn.
8. 86

Day 153
1. The 5th car should be circled.
2. 8
3. 10
4. 17
5. no
6. Answers will vary.
7. 5 more green pencils
8. 23 children

Day 154
1. 16
2. 3
3. 10
4. 4
5.
6. January
7. 5 students
8. 8 mittens

Day 155
1. 35
2. 6
3. 17
4. 0
5. The square should be colored.
6. 8
7. 5 more people
8. 6 days

Day 156
1. seventy-two
2. 10
3. 9
4. true
5. There should be a bat drawn near the baseball.
6. no
7. 9 children
8. 77 blueberries

Day 157
1. 9, 9
2. 8
3. 8
4. 46
5. 0
6. July and August should be circled.
7. 1 more student
8. 1 + 6 = 7 or 6 + 1 = 7; 7 − 6 = 1 or 7 − 1 = 6

Day 158
1. =
2. 13
3. 10
4. 9
5. triangles
6. 8:30
7. Answers will vary. Possible answer: What color is your bike?
8. 1. Trish
   2. Will
   3. Mark

Day 159
1. 20
2. 12
3. 20
4. 2
5. An octagon should be drawn.
6. 4
7. Paul
8. 6 years old

Day 160
1. 54, 55
2. 19
3. 17
4. 8
5. A road should be drawn below the car.
6. taller
7. Tom: 5
   Tony: 9
   Jacqueline: 8
   Nikki: 14
8. August

Day 161
1. 76, 79, 81
2. 17
3. 8
4. +
5. The circle should be colored.
6. 9:30
7. 31
8. 4 cups

Day 162
1. 93 should be circled.
2. 12
3. 12
4. 3
5. 0 angles
6. August
7. There should be 41 tally marks drawn.
8. 28

Day 163
1. 7th
2. 14
3. 7
4. 9
5. yes
6. a ruler
7. 22 children
8. 82 rocks