

# HOW TO USE THIS BOOK

*180 Days of Math for Second 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 second-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 Standard
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
3	Subtraction	
4	Algebraic Thinking	Understands patterns, relations, and functions; Represents and analyzes mathematical situations and structures using algebraic symbols
5	Geometry	Analyzes characteristics and properties of two-dimensional and three-dimensional geometric shapes and develops mathematical arguments about geometric relationships
6	Measurement	Understands measurable attributes of objects and the units, systems, and processes of measurement; Applies appropriate techniques, tools, and formulas to determine measurements
7	Data Analysis	Formulates questions that can be addressed with data and collects, organizes, and displays relevant data to answer them; Selects and uses appropriate statistical methods to analyze data
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: \_\_\_\_\_

**DIRECTIONS** Solve each problem.**1.** Write the numeral.

4	Hundreds	5	Tens	2	Ones
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\_\_\_\_\_

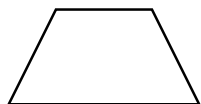
$$\begin{array}{r} 2. \quad 5 \\ \quad 3 \\ + \quad 4 \\ \hline \end{array}$$

**3.** What is 50 less than 67?

\_\_\_\_\_

**4.** Write the missing number.

90	88	86		82
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**5.** Name the shape.

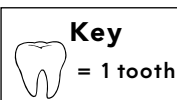
\_\_\_\_\_

**6.** Ray goes to a friend's house to play at 3:00 P.M. and comes home at 5:00 P.M. How long was he gone?

\_\_\_\_\_

**7.** Teeth Lost

January	
February	
March	



How many more teeth were lost in February than in March?

\_\_\_\_\_

**8.** Write the number that has 7 in the hundreds place, 3 in the tens place, and 5 in the ones place.

\_\_\_\_\_

**SCORE**

1. 😊 😐

2. 😊 😐

3. 😊 😐

4. 😊 😐

5. 😊 😐

6. 😊 😐

7. 😊 😐

8. 😊 😐

\_\_\_\_ / 8

Total

NAME: \_\_\_\_\_

**DIRECTIONS** Solve each problem.

SCORE

1. 😊 😐

1. Round 91 to the nearest ten.

\_\_\_\_\_

2. 😊 😐

2.  $83 + 45 =$  \_\_\_\_\_

3. 😊 😐

3. What is the difference between 45 and 20?

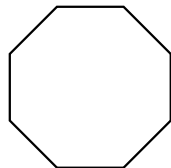
\_\_\_\_\_

5. 😊 😐

4.  + 10 = 19

6. 😊 😐

5. Name the shape.

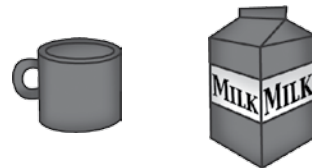


8. 😊 😐

\_\_\_\_\_

\_\_\_\_ / 8  
Total

6. Circle the smaller container.



7. School Bags in Class

Type of Bag	Shoulder Bag	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Backpack	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Rolling Pack	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		0	2	4	6	8	10

Number of Bags

If half of the kids with rolling packs decide to get shoulder bags instead, what will be the new total of kids with shoulder bags?

\_\_\_\_\_

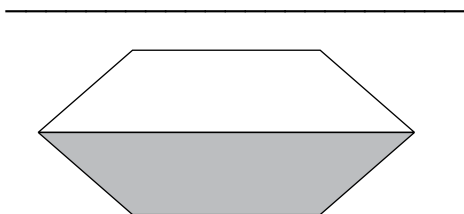
8. Would you wear a jacket or a bathing suit when it is 90°F outside?

\_\_\_\_\_

NAME: \_\_\_\_\_

**DIRECTIONS** Solve each problem.

1. Name the shaded fraction.



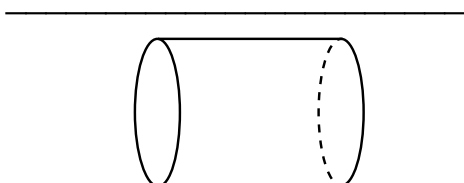
2. What is 52 more than 27?

\_\_\_\_\_

3. 
$$\begin{array}{r} 74 \\ - 30 \\ \hline \end{array}$$

4.  $9 - 7 = 1 + \square$

5. True or false? This shape is a prism.



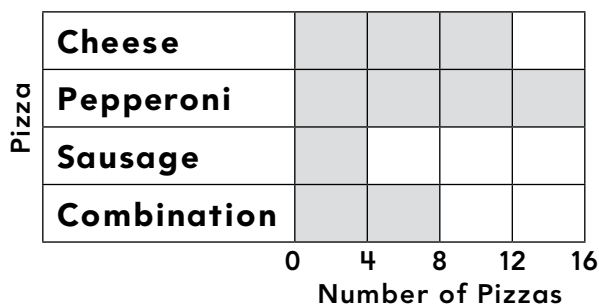
6. Circle the season to match the months below.

winter      spring  
summer      fall

September
October
November

7.

Pizzas Ordered



How many fewer sausage pizzas than combination pizzas were ordered?

8. How many different 3-digit numbers can you make with the numbers 7, 4, and 3?

**SCORE**

1. 😊 😞

2. 😊 😞

3. 😊 😞

4. 😊 😞

5. 😊 😞

6. 😊 😞

7. 😊 😞

8. 😊 😞

\_\_\_\_ / 8

Total

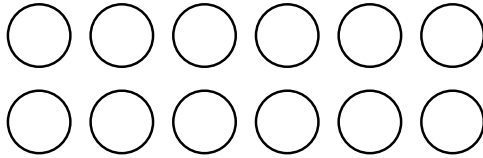
NAME: \_\_\_\_\_

**DIRECTIONS** Solve each problem.

**SCORE**

1. 😊 😐

**1.** Circle groups of 3.



\_\_\_\_\_ groups

2. 😊 😐

**2.**  $67 + 32 =$  \_\_\_\_\_

3. 😊 😐

**3.** What is 97 minus 62?

\_\_\_\_\_

4. 😊 😐

**4.**  $43 + 18 =$    $+ 43$

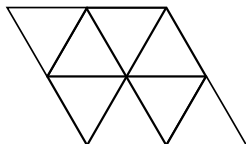
6. 😊 😐

**5.** Draw a line of symmetry.



7. 😊 😐

**6.** Record the area.



area = \_\_\_\_\_ triangles

8. 😊 😐

**7.**

**Library Books  
Checked Out**

	Week 1	Week 2	Week 3
Jody	4	5	5
Emily	4	4	4
Brenda	5	7	6
Alison	6	3	6

How many more library books did Jody check out in Week 2 than in Week 1?

\_\_\_\_\_

**8.**

Sixty-seven kids like the beach. Ninety-nine kids like the aquarium. Forty-six kids like the zoo. How many more kids like to go to the beach than the zoo?

\_\_\_\_\_

\_\_\_\_/8  
Total

NAME: \_\_\_\_\_

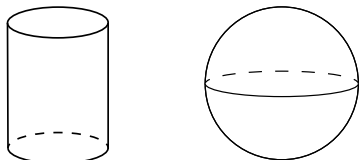
**DIRECTIONS** Solve each problem.

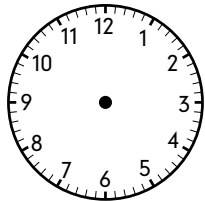
**1.** Write the even number that follows 13.  
\_\_\_\_\_

**2.**  $6 + 2 + 4 =$  \_\_\_\_\_

**3.** What is the difference between 59 and 42?  
\_\_\_\_\_

**4.** Continue the pattern.  
□ ○ ○ □ \_\_\_\_\_

**5.** Circle the cylinder.  


**6.** Show half past 10:00.  


**7.** Record the data. Complete the chart.

Favorite Game

	Jan	Ben	Tori
Jump rope	X		
Kickball			

- Jan likes jump rope.
- Ben likes jump rope and kickball.
- Tori likes the same games as Ben.

**8.** Mark is building a tree house. He needs to use 63 nails. Nails come in bags of 20. How many bags of nails should he buy?  
\_\_\_\_\_

**SCORE**

1. 😊 😐

2. 😊 😐

3. 😊 😐

4. 😊 😐

5. 😊 😐

6. 😊 😐

7. 😊 😐

8. 😊 😐

\_\_\_\_ / 8


**Total**

# ANSWER KEY *(cont.)*


## Day 133

1.  $\frac{1}{4}$
2. 61
3. 13
4. 2
5. false
6. 1.5 or  $1\frac{1}{2}$
7. 30
8. cone, sphere, cylinder

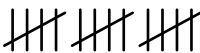
## Day 134

1. 1 group of 5; 2 left over
2. 50
3. 2
4. 91
5. 
6. 16
7. 2
8. 50¢

## Day 135

1. 12
2. 13
3. 39
4. 
5. Any face (triangular side) of the solid may be colored.
6. 4
7. 16
8. 62¢

## Day 136

1. 3 tens; 1 one
2. 37
3. 46
4. 5
5. 4
6. Friday
7. 
8. 8

## Day 137

1. 40
2. 130
3. 11
4. +
5. 6
6. 4
7. 16
8.  $35 + 21 = 56$  or  
 $21 + 35 = 56$

## Day 138

1. 2 hats should be circled.
2. 76
3. 33
4. 16
5. the ball
6. the dinosaur
7. 10
8. 5:00 P.M.

## Day 139

1. 485
2. 84
3. 27
4. 55
5. hexagon (left image)
6. taller
7. hamster and cat
8. 44

## Day 140

1. third
2. 88
3. 41
4. 90 books
5. rhombus (center image)
6. the chicken
7. \$40.00
8. 46

## Day 141

1. 452
2. 12
3. 17
4. 84
5. quadrilateral or trapezoid
6. 2 hours
7. 4
8. 735

## Day 142

1. 90
2. 128
3. 25
4. 9
5. octagon
6. the mug
7. 6
8. bathing suit

## Day 143

1.  $\frac{1}{2}$
2. 79
3. 44
4. 1
5. false
6. fall
7. 4
8. 6 (The different combinations are 347, 374, 473, 743, 734, and 437.)

## Day 144

1. 4 groups of 3 circles should be circled.
2. 99
3. 35
4. 18
5. vertical line
6. 8
7. 1
8. 21

# ANSWER KEY *(cont.)*

## Day 145

- 14
- 12
- 17
- A circle should be drawn.
- cylinder (left image)
- The clock should read 10:30.
- 

Favorite Game

	Jan	Ben	Tori
Jump rope	X	X	X
Kickball		X	X

- 4

## Day 146

- 5 tens; 7 ones
- 89
- 12
- 11
- yes
- September
- 5
- 698

## Day 147

- 827, 672, 439, 281
- 98
- 49
- 2
- The triangle should be colored.
- the 5-cube solid (right image)
- Karen
- $6 + 6 = 12$

## Day 148

- 4 balloons should be circled.
- 98
- 21
- 15
- yes
- the drum
- yes
- 39

## Day 149

- seventeen
- 87
- 31
- 46
- A hexagon should be drawn.
- The clock should read 1:00.
- 20
- sphere and cone

## Day 150

- 16th
- 87
- 11
- The following squares should be colored: 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 48
- 2 hexagons (top left and bottom center)
- The ball should be circled.
- 8
- 48

## Day 151

- 444
- 13
- 24
- 49
- Any 1 surface should be colored.
- 31
- yes
- 66

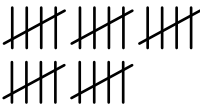
## Day 152

- 50
- 99
- 24
- 6
- The triangle should be circled.
- ruler
- 2
- 65


## Day 153

- $\frac{1}{2}$
- 89
- 11
- 7
- true
- 4
- rose
- $33 + 56 = 89$   
 $56 + 33 = 89$   
 $89 - 33 = 56$   
 $89 - 56 = 33$

## Day 154

- 3 groups of 2 circles should be circled.
- 59
- 22
- 37
- curtain or window
- The boys' room sign (left image)
- 
- 46

## Day 155

- 28
- 11
- 50
- X, Y
-  The triangular base should be colored.
- 10
- 42
- 6:30 A.M.

## Day 156

- $90 + 5$
- 99
- 24
- 7
- 3
- Saturday
- 40
- 620