

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.

SCORE

1. 😊 😐

1. Write 95 in expanded notation.

2. 😊 😐

2. Ninety-one plus eight equals

_____.

3. 😊 😐

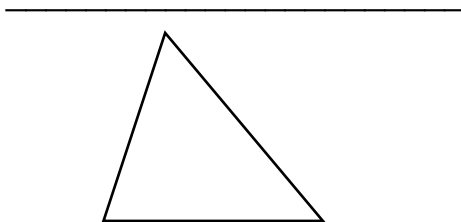
3.
$$\begin{array}{r} 67 \\ - 43 \\ \hline \end{array}$$

4. 😊 😐

4. $6 + \square = 13$

5. 😊 😐

5. How many angles?




____ / 8
Total

6. Write the day of the week that comes before Sunday.

7.

Miles Run

Max	
Cheryl	
Brandon	

Key
 = 10 miles

If Brandon runs 10 more miles, how many miles will he have run?

8. Write the number that has 2 in the tens place, 6 in the hundreds place, and 0 in the ones place.

NAME: _____

DIRECTIONS Solve each problem.

1. Use $>$, $<$, or $=$.

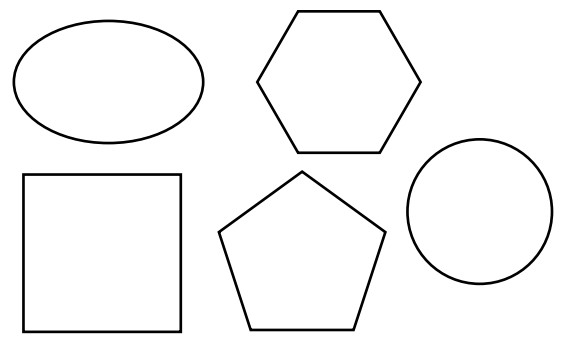
364 ○ 264

2. $72 + 26 =$ _____

3. 28 less than 49 is _____.

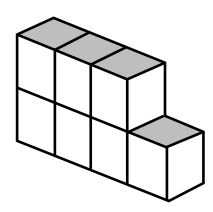
4. $5 \square 4 = 9$

5. Color the shapes that do not have vertices.



6. What is the volume?

_____ cubes



7. Pets

	Hamster	Dog	Fish	Cat
Mary	X		X	
Julia	X	X		X
Evan	X	X		X

Which pet does Julia need to get to have all the animals?

8. There are 7 wheels in all. There is 1 tricycle. The rest are bicycles. How many bicycles are there?

SCORE

1. 😊 😐

2. 😊 😐

3. 😊 😐

4. 😊 😐

5. 😊 😐

6. 😊 😐

7. 😊 😐

8. 😊 😐

____ / 8

Total

NAME: _____

DIRECTIONS Solve each problem.

SCORE

1. 😊 😐

1. Circle $\frac{1}{4}$.



2. 😊 😐

2.
$$\begin{array}{r} 64 \\ + 22 \\ \hline \end{array}$$

3. 😊 😐

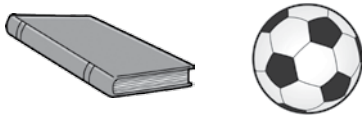
3. $27 - 16 = \underline{\hspace{2cm}}$

4. 😊 😐

4. $5 + \square = 14 - 7$

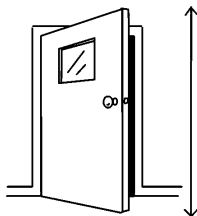
5. 😊 😐

5. Circle the object that can roll.



7. 😊 😐

6. Is the object less than 1 meter or more than 1 meter?



8. 😊 😐

____ / 8
Total

7.

Money Saved

Children	Hiro	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Kiko	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Becky	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Rajit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		\$0	\$5	\$10	\$15	\$20	\$25
		Amount Saved					

Becky wants to buy a CD player that costs \$35. How much more money does she have to save?

8.

53 children signed up for a summer reading program. 47 have picked up their materials already. How many children did not pick up their materials yet?

NAME: _____

DIRECTIONS Solve each problem.

1. Write the number word for the number 85.

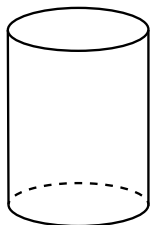
2.
$$\begin{array}{r} 45 \\ + 73 \\ \hline \end{array}$$

3. 95 minus 73 is _____.

_____.




4. $\square + 43 = 43 + 80$

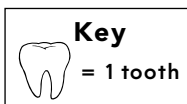
5. Draw the top view of the solid.



6. True or false? You can jump 5 times in less than 1 minute.

7. Teeth Lost

January	
February	
March	



What was the total number of teeth lost during January, February, and March?

8. Write the number that is 2 more tens, and 4 more ones than the number 531.

SCORE

1. 😊 😐

2. 😊 😐

3. 😊 😐

4. 😊 😐

5. 😊 😐

6. 😊 😐

7. 😊 😐

8. 😊 😐

____ / 8

Total

NAME: _____

DIRECTIONS Solve each problem.

SCORE

1. 😊 😐

1. Write the ordinal number for 21.

2. 😊 😐

2. 7
 6

3. 😊 😐

+ 3

4. 😊 😐

3. $78 - 63 =$ _____

5. 😊 😐

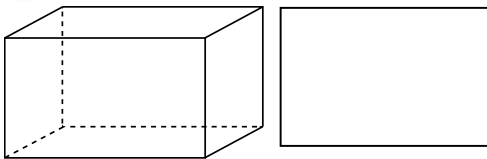
4. Kaylee has \$15.00 in her piggy bank. She gets \$5.00 a week for allowance. How long will it take for her to save \$30.00?

8. 😊 😐

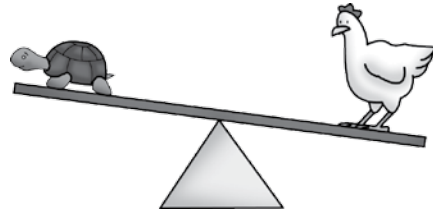
Start	1 Week	2 Weeks	3 Weeks	4 Weeks
\$15.00				

____ / 8
Total

5. Circle the prism.



6. Circle the object that weighs less.



7. School Bags in Class

Type of Bag	0	2	4	6	8	10
Shoulder Bag						
Backpack						
Rolling Pack						

How many more rolling packs are there than shoulder bags?

8. Cory has 2 quarters and 3 dimes. He wants to buy a birthday card for a friend that costs 75¢. Does he have enough money?

Circle: yes no

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

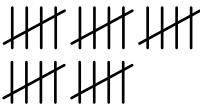
Day 152

- 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

ANSWER KEY *(cont.)*

Day 157

- >
- 98
- 21
- +
- The circle and the oval should be colored.
- 7
- fish
- 2

Day 158

- 1 fox should be circled.
- 86
- 11
- 2
- the ball
- more than 1 meter
- \$20
- 6

Day 159

- eighty-five
- 118
- 22
- 80
- A circle should be drawn.
- true
- 18
- 555

Day 160

- 21st
- 16
- 15
- 3 weeks
- The rectangular prism should be circled.
- the turtle
- 6
- yes

Day 161

- 662
- 103
- 28
- 70
- cube or rectangular prism
- 8:30
- \$80
- 15¢


Day 162

- 80
- 73
- 9
- 7
- circle
- the can of peaches
- 19
- 5

Day 163

- $\frac{3}{6}$ or $\frac{1}{2}$
- 91
- 48
- 7
- 6; 6
- 1
- Chu: 5 flowers
Diggs: 6 flowers
- 62

Day 164

- 5
- 93
- 15
- 47
-  1 horizontal line should be drawn.
- 10
- no
- 975

Day 165

- 36
- 19
- 26
- ←
- cone (left image)
- The clock should read 12:30.
- 2
- 5

Day 166

- 8 tens, 0 ones
- 95
- 56
- 9
- 4
- January
- \$60
- $89 - 47 = 42$

Day 167

- 73, 173, 473, 673
- 71
- 19
- 8
- 8
- 5
- 22
- 24 edges

Day 168

- 5 lions should be circled.
- 81
- 18
- 10
- the toothpaste box
- 2 m
- 12
- 5:00

Day 169

- twenty-nine
- 85
- 9
- 52
- false
- The clock should read 7:30.
- 4
- 72