

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. $57 = \boxed{} \text{ Tens } \boxed{} \text{ Ones}$

2. 😊 😐

3. 😊 😐

2.
$$\begin{array}{r} 48 \\ + 41 \\ \hline \end{array}$$

4. 😊 😐

3. $36 - 24 = \underline{\hspace{2cm}}$

5. 😊 😐

4. $\boxed{} - 8 = 3$

6. 😊 😐

7. 😊 😐

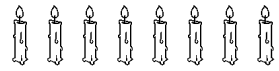



5. Does an octagon have 8 vertices?
Circle: yes no


8. 😊 😐

____ / 8
Total

6. Write the month that comes after August.

7. **Ages**

Matthew	
Breanna	
Imogen	
Rory	

 **Key**
= 1 year

How old is Breanna?

8. Write the number that is 3 more hundreds, 5 more tens, and 6 more ones than the number 342.

NAME: _____

DIRECTIONS Solve each problem.

1. Order the numbers from largest to smallest.

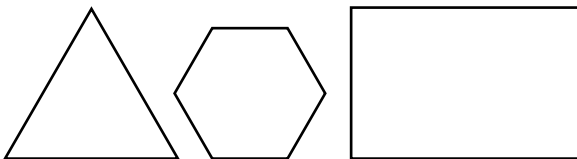
672 827 439 281

2. $25 + 73 =$ _____

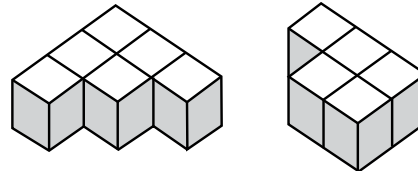
3.
$$\begin{array}{r} 57 \\ - 8 \\ \hline \end{array}$$

4. $6 + \square = 8$

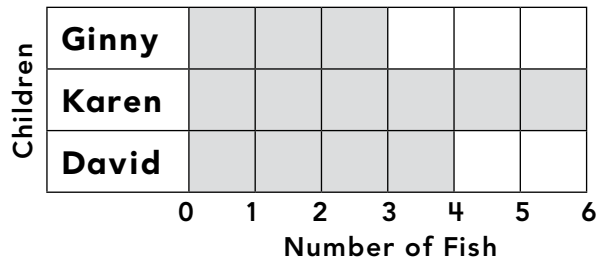
5. Color the shape with 3 sides.



6. Circle the solid that takes up less space.



7. Fish Caught



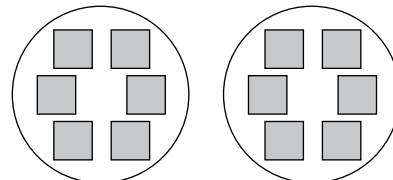
Who caught more fish than David?

8. Circle the number sentence that matches the picture.

$2 + 6 = 8$

$8 - 6 = 2$

$6 + 6 = 12$



SCORE

1. 😊 😐

2. 😊 😐

3. 😊 😐

4. 😊 😐

5. 😊 😐

6. 😊 😐

7. 😊 😐

8. 😊 😐

____ / 8

Total

NAME: _____

DIRECTIONS Solve each problem.

SCORE

1. 😊 😐

1. Circle $\frac{1}{2}$.



2. 😊 😐

2. 43 plus 55 equals

_____.

3. 😊 😐

3.
$$\begin{array}{r} 44 \\ - 23 \\ \hline \end{array}$$

4. 😊 😐

4. $\square + 0 = 15 - 0$

5. 😊 😐

5. Can the object stack?



6. 😊 😐

6. Circle the object that is shorter than 1 meter in height.



7. 😊 😐

7. Toy Train Sales Last Week

Mon.	
Tues.	
Wed.	
Thurs.	
Fri.	
Sat.	
Sun.	

Key
 = 1 train

The store owner would like to sell 15 trains every week. Did he meet his goal for last week?

8. 😊 😐

8. Kristy has a sticker collection with 23 glitter stickers, 56 puffy stickers, and 14 scratch-n-sniff stickers. If she gets 16 more glitter stickers, how many glitter stickers will she have in all?

____/8
Total

NAME: _____

DIRECTIONS Solve each problem.

1. Write the number word for 17.

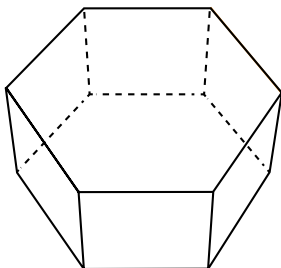
2.
$$\begin{array}{r} 75 \\ + 12 \\ \hline \end{array}$$

3. 62 minus 31 equals

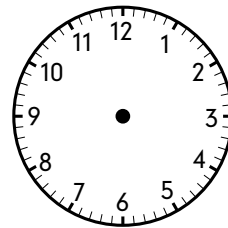
_____.

4. $81 + \square = 46 + 81$

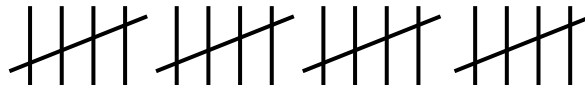
5. Draw the top view of the solid.



6. Show 1:00.



7. Count the tally marks.



8. Name two solids that cannot be stacked.

SCORE

1. 😊 😐

2. 😊 😐

3. 😊 😐

4. 😊 😐

5. 😊 😐

6. 😊 😐

7. 😊 😐

8. 😊 😐

____ / 8

Total

NAME: _____

DIRECTIONS Solve each problem.

SCORE

1. 😊 😐

1. Write the ordinal number for 16.

2. 😊 😐

2. $64 + 23 =$ _____

3. 😊 😐

3. What is 18 less than 29?

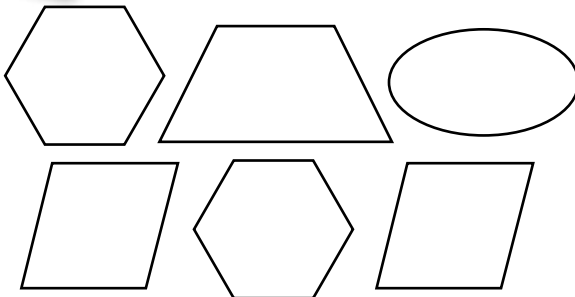
4. 😊 😐

4. Count by fours and color each number counted.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

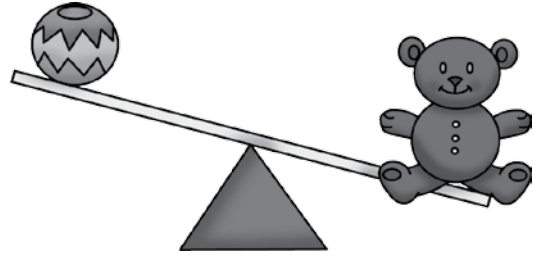
8. 😊 😐

5. Color the hexagons.






____ / 8
Total

6. Circle the object that weighs less.



7.

Favorite Pets

		
birds	fish	mice

How many votes for birds and fish are there?

8. How many hours are there in 2 days?

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

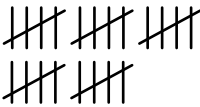
Day 152

- 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