

HOW TO USE THIS BOOK

180 Days of Math for Third 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 third-grade practice page provides 10 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	Addition or Subtraction	Understands meanings of operations and how they relate to one another; Computes fluently and makes reasonable estimates; Understands various meanings of multiplication and division; Develops fluency in adding, subtracting, multiplying, and dividing whole numbers; Understands numbers, ways of representing numbers, relationships among numbers, and number systems
2	Multiplication	
3		
4	Division or Number Sense	
5	Place Value or Fractions, Decimals, and Money	Understands numbers, ways of representing numbers, relationships among numbers, and number systems; Computes fluently and makes reasonable estimates
6	Algebra and Algebraic Thinking	Understands patterns, relations, and functions; Represents and analyzes mathematical situations and structures using algebraic symbols
7	Measurement	Understands measurable attributes of objects and the units, systems, and processes of measurement; Applies appropriate techniques and formulas to determine measurements
8		
9	Geometry or Data Analysis	Analyzes characteristics and properties of two-dimensional and three-dimensional geometric shapes and develops mathematical arguments about geometric relationships; Formulates questions that can be addressed with data and collects, organizes, and displays relevant data to answer them
10	Word Problem/Logic Problem or Mathematical Reasoning	Builds new mathematical knowledge through problem solving; Applies and adapts a variety of appropriate strategies to solve problems

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. (Y) (N)

$$\begin{array}{r} 1. \quad 17 \\ + 43 \\ \hline \end{array}$$

2. (Y) (N)

3. (Y) (N)

$$2. \quad 7 \times 5 = \square$$

4. (Y) (N)

5. (Y) (N)

$$3. \quad 7 \times 50 = \square$$

6. (Y) (N)

7. (Y) (N)

8. (Y) (N)

4. What number follows 592?

9. (Y) (N)

10. (Y) (N)

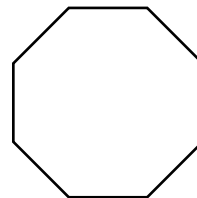
$$5. \quad 50\text{¢} + 15\text{¢} + 5\text{¢} =$$

$$6. \quad 10 \times \square = 5 \times 6$$

7. What unit of time is used to measure how long it takes to wash your hands: minutes or hours?

8. What is the area of a square with 3-cm sides?

9. Draw all the lines of symmetry.



10. David has built 16 model airplanes. He builds two airplanes every month. How many months did it take him to build the 16 models?

___ / 10

Total

NAME: _____

DIRECTIONS Solve each problem.

1. $37 - 28 = \square$

2.
$$\begin{array}{r} 15 \\ \times 5 \\ \hline \end{array}$$

3. $4 \times 7 = \square$

4. 56 divided by 8 is _____.

5. Write 7,021 in expanded notation.

6. $\square \div 3 = 6$

7. How many minutes are there from 5:45 A.M. to 6:00 A.M.?

8. If each bottle holds 2 liters, what is the total capacity of all of the bottles?



9. Create a tally chart from the information below.

Minutes It Takes to Finish Homework

Mon.	Tue.	Wed.	Thurs.
35	30	45	20

10. Max has seen his favorite movie three more times than his best friend Tom. Tom has seen the movie two times. How many times has Max seen the movie?

SCORE

1. (Y) (N)

2. (Y) (N)

3. (Y) (N)

4. (Y) (N)

5. (Y) (N)

6. (Y) (N)

7. (Y) (N)

8. (Y) (N)

9. (Y) (N)

10. (Y) (N)

____ / 10
Total

NAME: _____

DIRECTIONS Solve each problem.

SCORE

1. (Y) (N)

1. $18 + 44 = \square$

2. (Y) (N)

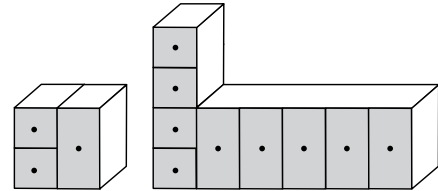
6. $3 \times 6 = \square \times 2$

3. (Y) (N)

2. How many fingers are there on 3 hands?

7. Tim painted these cupboards. Circle the one that needed the most paint.

4. (Y) (N)



5. (Y) (N)

3.
$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

8. Could you live with a body temperature of 50°F?

6. (Y) (N)

Circle: yes no

7. (Y) (N)

4. What number follows 180?

9. How many lines of symmetry does a regular octagon have?

8. (Y) (N)

9. (Y) (N)

5. Add \$1.25 to the coins below and write the total.

10. What is the largest even number that can be written using each of the digits 7, 2, and 3?

10. (Y) (N)



___ / 10

Total

NAME: _____

DIRECTIONS Solve each problem.

1.
$$\begin{array}{r} 41 \\ - 19 \\ \hline \end{array}$$

2. $70 \times 2 = \square$

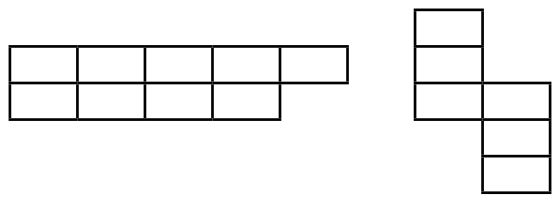
3. Draw an array with two rows of nine.

4. How many groups of 7 are there in the number 56?

5.
$$\begin{array}{r} \$10.00 \\ \$5.00 \\ + \$1.50 \\ \hline \end{array}$$

6. $2 \times \square = 12$

7. These two floors are to be tiled. Circle the floor that needs less tile.



8. How many pints are there in a quart?

9. Are the lines below parallel or intersecting?

10. Sheldon loves movies and buys a new DVD each week. The DVDs cost \$19.99 each. How much does Sheldon spend on DVDs in 4 weeks?

SCORE

1. (Y) (N)

2. (Y) (N)

3. (Y) (N)

4. (Y) (N)

5. (Y) (N)

6. (Y) (N)

7. (Y) (N)

8. (Y) (N)

9. (Y) (N)

10. (Y) (N)

____ / 10
Total

NAME: _____

DIRECTIONS Solve each problem.

SCORE

1. (Y) (N)

1. $11 + 5 + 29 = \square$

2. (Y) (N)

2. $9 \times 6 = \square$

4. (Y) (N)

3.
$$\begin{array}{r} 16 \\ \times 4 \\ \hline \end{array}$$

5. (Y) (N)

6. (Y) (N)

7. (Y) (N)

8. (Y) (N)

4. Is 573 an even or an odd number?

9. (Y) (N)

10. (Y) (N)

5. What is the value of 2 in 263?

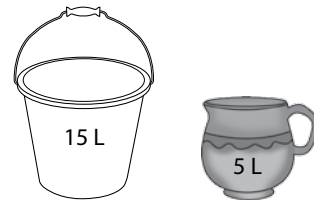
____ / 10

Total

6. Fill in the missing number.

312, 317, 322, _____, 332

7. How many full pitchers will it take to fill the bucket?



8. How many hours are there in 2 days?

9. How many angles are there in an octagon?

10. Ninety-nine people show up to a school fund-raiser. Fifty people each donate \$25.00 to the school. Thirty-three people donate \$50.00 each. The rest donate \$100.00 each. How many people donate \$100.00 to the school?

ANSWER KEY *(cont.)*

Day 150

- 75
- 48
- 480
- 719
- \$10.50
-
- $1\frac{1}{2}$ yards
- 2 hours 5 minutes
- prism
- yes

Day 151

- 82
- 81
- 10 feet
- 8
- $\frac{1}{4}$
- 5
- 15 inches
- meters
- The left figure should be circled.
- 63

Day 152

- 25
- 24
- 24
- 534
- $3,000 + 500 + 60 + 2$
- 351
- 8
- 36 inches
- hexagon
- C

Day 153

- 121
- 52
- 28
- 10
- $2,000 + 90 + 4$
- 48
- true
- 5.5 cm
- chocolate
- 48 inches

Day 154

- 35
- 56
- 30
- 684th
- \$0.55
- 2
- a pencil
- gallons
- prism
- Answers will vary.

Day 155

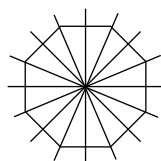
- 90
- 120
- 18 wheels
- 10
- $5,000 + 200 + 70$
- +
- false
- no
- no



- 23 pounds

Day 156

- 60
- 35
- 350
- 593
- 70¢
- 3
- minutes
- 9 cm^2
-



- 8 months

Day 157

- 9
- 75
- 28
- 7

- $7,000 + 20 + 1$
- 18
- 15 minutes
- 6 L
- Mon.: 35 tally marks
Tue.: 30 tally marks
Wed.: 45 tally marks
Thur.: 20 tally marks
- 5 times

Day 158

- 62
- 15 fingers
- 72
- 181
- \$1.55
- 9
- The right cupboard should be circled.
- no
- 8
- 732

Day 159

- 22
- 140
- An array of 2 rows by 9 columns should be drawn.
- 8
- \$16.50
- 6
- The right floor should be circled.
- 2 pints
- intersecting lines
- \$79.96

Day 160

- 45
- 54
- 64
- odd number
- 2 hundred or 200
- 327
- 3 pitchers
- 48 hours
- 8 angles
- 16 people