

HOW TO USE THIS BOOK

180 Days of Math for Fourth Grade offers teachers and parents a full page of 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 fourth-grade practice page provides 10 questions, each tied to a specific mathematical concept. Students are provided 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 such as addition and subtraction and how they relate to one another
2	Multiplication or Fractions, Decimals, Percents	Understands various meanings of multiplication; Recognizes and generates equivalent forms of fractions, decimals, and percents
3	Division	Understands various meanings of division; Understands meanings of operations and how they relate to one another; Computes fluently and makes reasonable estimates
4		
5	Place Value or Number Sense	Understands representations of numbers, relationships among numbers, and number systems; Understands place-value structure of the base-ten number system
6	Algebra and Algebraic Thinking	Understands patterns, relations, and functions; Represents and analyzes patterns and functions, using words, tables, and graphs
7	Measurement	Applies appropriate techniques and formulas to determine measurements; Understands measurable attributes of objects and the units, systems, and processes of measurement
8		
9	Geometry or Data Analysis	Uses visualization and spatial reasoning to solve problems; Analyzes properties of two- and three-dimensional geometric shapes
10	Word/Logic Problem or Mathematical Reasoning	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. $25 + 13 =$ _____

2.
$$\begin{array}{r} \$1.50 \\ + \$2.25 \\ \hline \end{array}$$

3. $5 \overline{)20}$

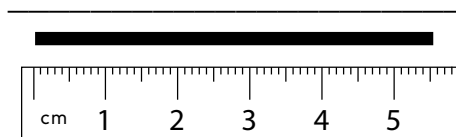
4. $41 \div 9 =$ _____

5. Round 2,747 to the nearest hundred.

6. Fill in the missing number.

318, 321, _____, 327, 330

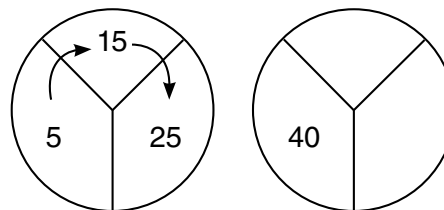
7. Write the length in centimeters.



8. Would you be more likely to use a ruler or a yardstick to measure the length of a room?

9. A square has:
_____ axes of symmetry
and _____ right angles.

10. Follow the pattern in the first circle to complete the second circle.



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. Subtract 29 from 68.

2. (Y) (N)

2. Write 81% as a fraction.

4. (Y) (N)

3. $80 \div 8 =$ _____

5. (Y) (N)

4. Divide 6 into 92. _____

7. (Y) (N)

8. (Y) (N)

5. How many digits are in the number 237?

9. (Y) (N)

10. (Y) (N)

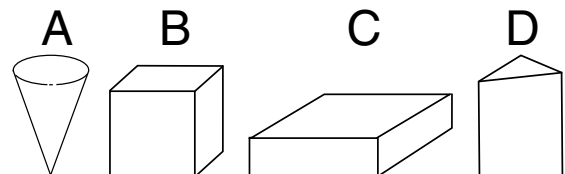
6. $20 \div 1 =$ $\times 5$

7. Calculate the perimeter of a square with 4-cm sides.



8. 4 days = _____ hours

9. Circle the solids that have a triangular top view.



10. A post was 189 cm tall. Alan cut off 36 cm. How tall is it now?

___ / 10

Total

NAME: _____

DIRECTIONS Solve each problem.

1.
$$\begin{array}{r} 26 \\ + 18 \\ \hline \end{array}$$

2. 50% of 30 is _____

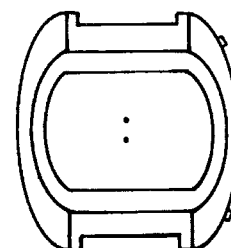
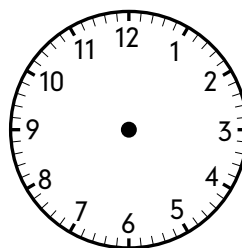
3. $16 \div 8 =$ _____

4. $7 \overline{)69}$

5. Write 9,058 in words.

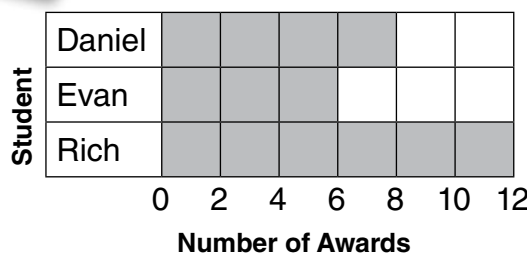
6. $29 - 17 = \square \times 4$

7. Complete the clocks for the time 15 past 9.



8. What month comes before February?

9. **School Awards**



If Evan wins 2 more awards, how many awards will he have won?

10. Hiro gets \$3.00 each week for allowance. He saves $\frac{1}{3}$ of the money and spends the rest. How much does he save each month?

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

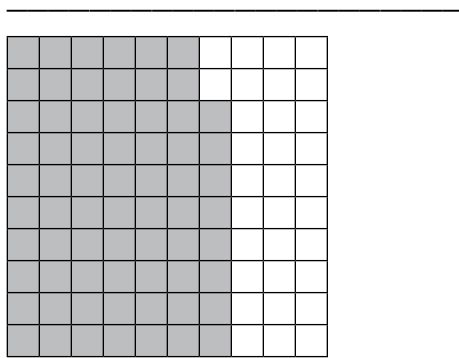
1. (Y) (N)

1.
$$\begin{array}{r} 17 \\ - 15 \\ \hline \end{array}$$

2. (Y) (N)

2. What percentage is shaded?

3. (Y) (N)



4. (Y) (N)

5. (Y) (N)

6. (Y) (N)

3. Divide 18 into 2 equal groups.

7. (Y) (N)

8. (Y) (N)

9. (Y) (N)

4. $93 \div 10 = \underline{\hspace{2cm}}$

10. (Y) (N)

5. Write 2,573 in expanded notation.

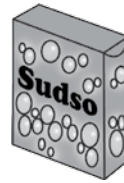
___ / 10

Total

6. $46 + 14 = 20 \times \square$

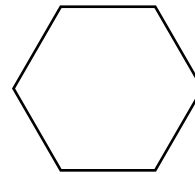
7. Circle the best estimate for the weight of the object.

100 g 2 kg 5 kg 10 kg



8. _____ months = 10 years

9. Draw 1 line of symmetry.



10. Complete the chart by rounding 1,326 to the specified place.

Ten	
Hundred	
Thousand	

NAME: _____

DIRECTIONS Solve each problem.

1. Add 34 and 37.

2. $6 \times 7 =$ _____

3. $81 \div 9 =$ _____

4. $7 \overline{)56}$

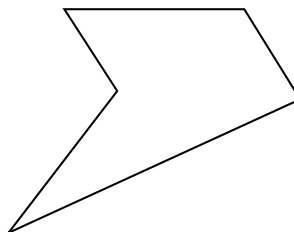
5. $4,000 + 50 + 3 =$ _____

6. $\frac{1}{4}$ of 36 = 4 +

7. Is 10 mm equal to 1 cm?

8. 4 pints = _____ quart(s)

9. How many angles are in this shape?



10. Complete the chart with the missing factors.

Product	48	56	60	81
Factor	8	7	6	9
Factor				

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

ANSWER KEY *(cont.)*

Day 148

- 11
- 10
- 9
- 3 fives
- 1,632
- 10
- 2.5 or $2\frac{1}{2}$ liters
- 104
- cylinder
- 18 times

Day 149

- 27
- yes
- 2
- 7 R5
- $7,000 + 400 + 90$
- no
- October, November, December
- $1,125\text{ cm}^3$
- 15 inches
- Estimate: Answers will vary.
Actual Number: 35 dots

Day 150

- 13
- 350
- 3
- 11
- hundreds
- 1
- cm^2
- 18
- 6; 6; 6
- 12

Day 151

- 38
- \$3.75
- 4
- 4 R5
- 2,700
- 324
- 5.5 or $5\frac{1}{2}$ cm
- yardstick
- 4; 4
- 2 possible answers: Add 10 to get 50, 60; Multiply by 3, then 5 to get 120, 200

Day 152

- 39
- $\frac{81}{100}$
- 10
- 15 R2
- 3 digits
- 4
- 16 cm
- 96
- D should be circled.
- 153 cm

Day 153

- 44
- 15
- 2
- 9 R6
- nine thousand, fifty-eight
- 3
- The clocks should read 9:15.
- January
- 8 awards
- \$4.00

Day 154

- 2
- 68%
- 9
- 9 R3
- $2000 + 500 + 70 + 3$
- 3
- 2 kg
- 120
- A line of symmetry should be drawn from vertex to vertex or side to side.
- 1,330; 1,300; 1,000

Day 155

- 71
- 42
- 9
- 8
- 4,053
- 5
- yes
- 2
- 5 angles
- 6; 8; 10; 9

Day 156

- 11
- no
- 21
- 5 R1
- 1,800
- 0.9, 1.0
- 6 buckets
- 30 days
- 5 faces; 5 vertices; a square base
- 2.25 cm

Day 157

- 71
- 0.25
- 10
- 7 R4
- 0
- 116, 174, 232, 290; 290 cm
- Wednesday
- 2
- 90° angle
- 4

Day 158

- 11
- $\frac{71}{100}$
- 3
- 10 R2
- 2,567 is less than 2, 675
- 400
- 9 bottles
- 7 days
- 2 diagonals should be drawn from vertex to vertex.
- A square should be drawn in (G,5).

Day 159

- 61
- 85 squares should be shaded.
- 15 R4
- 6 R1
- 1,056
- 2
- 365 days
- 1,000
- rotation
- $\frac{1}{4}$