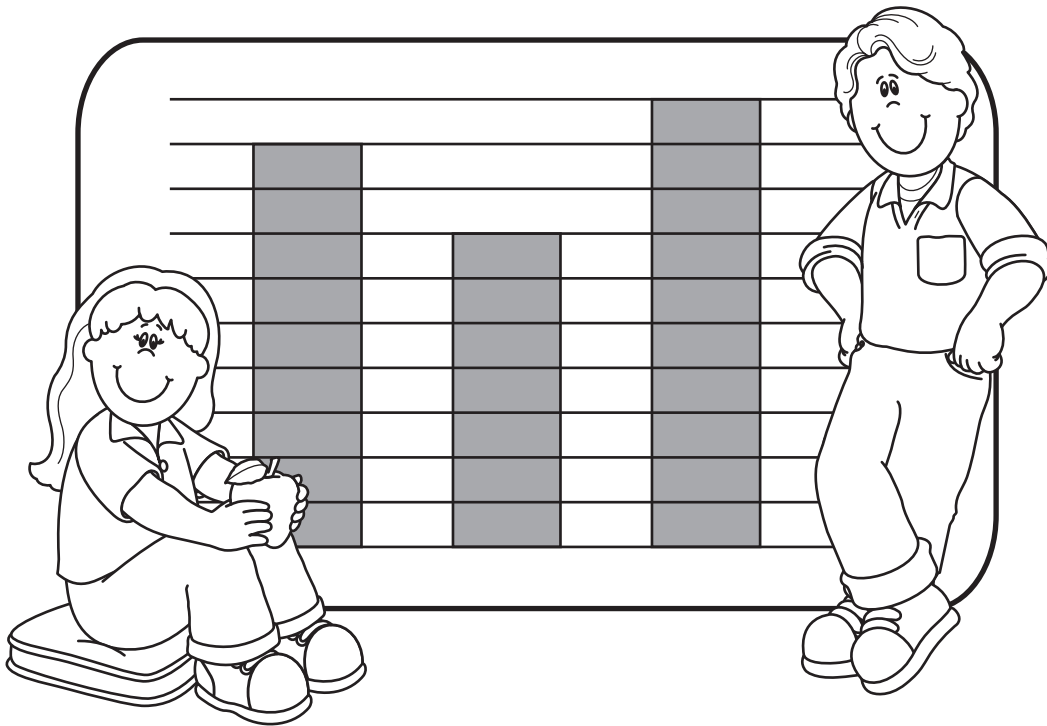


Daily Math Warm-Ups

Grade Three

by
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Introduction to *Daily Math Warm-Ups*

Based on standards specified by the National Council of Teachers of Mathematics (NCTM), *Daily Math Warm-Ups* will give teachers a year-long collection of challenging problems that reinforce math skills taught in the classroom. Designed around the traditional school year, the series offers 180 daily lessons (sets of five problems each) including computation, graph, and word problems. For each two-week group of lessons, an eight-problem multiple-choice assessment is provided to help you easily identify which students have mastered which concepts. The daily practice will help improve students' skills and bolster their confidence.

How to Use This Book

You can use this book in the following ways:

- Use the problems as a daily math warm-up. Make each child responsible for keeping a math journal which is checked periodically. Copy the daily lessons on transparencies. At the beginning of each class, put the problems on an overhead and give students approximately five minutes to solve the problems. When students have completed the exercise, go over the problems as a class. You can use this opportunity to discuss why some answers are correct and others are not.
- Because copying from the board or overhead is challenging for some learners, you may choose to photocopy the daily lessons for particular students, or for the entire class. Have students work on the problems at the beginning of class, then continue as described above.
- Give each student a copy of the problems near the end of class and have them turn the work in as a "Ticket Out the Door." You can then check students' work and then return their work and go over the answers at the beginning of the next class period.

Daily Math Warm-Ups includes many elements that will help students master a wide range of mathematical concepts. These include:

- 180 five-problem lessons based on standards specified by the National Council of Teachers of Mathematics
- 18 multiple-choice assessment tests in standardized-test format, to help identify concepts mastered and concepts in need of reteaching
- 12 real-world application extension activities
- A reproducible problem-solving strategy guide for students (on the inside back cover)
- Plenty of computation, graph, and word-problem solving opportunities that become more difficult as students progress through the school year

Lesson 1

1. Write the name of the ordinal number. 15th _____

2. $18 - 15 =$

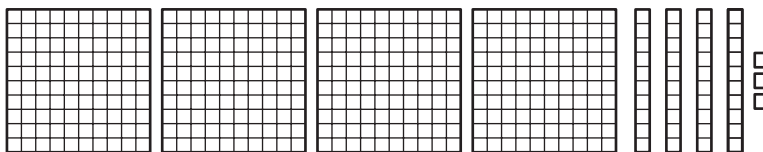
3. $45 + 88 =$

4. Draw a picture, write a number sentence, and solve the problem. Sarah had 33 pieces of paper. She dropped 17 pieces of paper. How many pieces of paper does Sarah have now?



Sarah has _____ pieces of paper now.

5. Look at the base ten blocks. Write the number shown.



Lesson 21. Write the number in standard form. $1,000 + 500 + 30 + 3$ _____

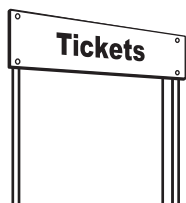
2. $17 + 18 =$

3. $21 - 18 =$

4. Mary made 27 pizzas. She made 16 pepperoni pizzas. The rest were cheese pizzas. How many cheese pizzas did Mary make?

Mary made _____ cheese pizzas.

5. Look at the picture. Write the name of the student who is sixth in line.



Lesson 3

1. Write the number in standard form. 9 hundreds, 4 tens, 7 ones

2. Write the number in standard form. $3,000 + 800 + 60 + 5$ _____

3. $112 + 57 =$

4. Write a number sentence and solve the problem. Martin has \$0.85. He earns \$1.35. How much money does Martin have now?

Martin has _____ now.

5. Write the number seven hundred eighty-eight. _____

Lesson 4

1. Write a number sentence and solve the problem. Janisha has \$2.25 in her pocket. She spends \$0.75 to buy a drink. How much money does Janisha have left?

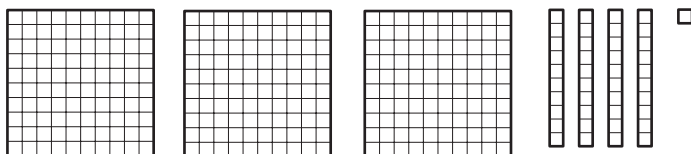
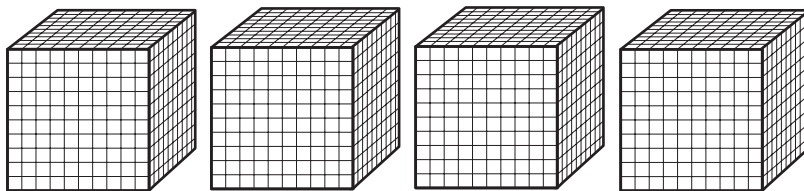
Janisha has _____ left.

2. Write the number one thousand six hundred one.

3. $121 + 218 =$

4. $88 - 33 =$

5. Look at the base ten blocks. Write the number shown.



Lesson 5

1. Mary Margaret has a dog-walking business. She walked 12 dogs on Thursday, 15 dogs on Saturday, and 9 dogs on Sunday. How many dogs did Mary Margaret walk on Saturday and Sunday?

Mary Margaret walked _____ dogs on Saturday and Sunday.

2. Write the number nine thousand six hundred fourteen.

3. $248 + 501 =$

4. $247 - 113 =$

5. In the box, draw base ten blocks to show the number five hundred fifteen.

**Lesson 6**

1. $2,000 + 3,000 =$

2. Write the number five thousand three. _____

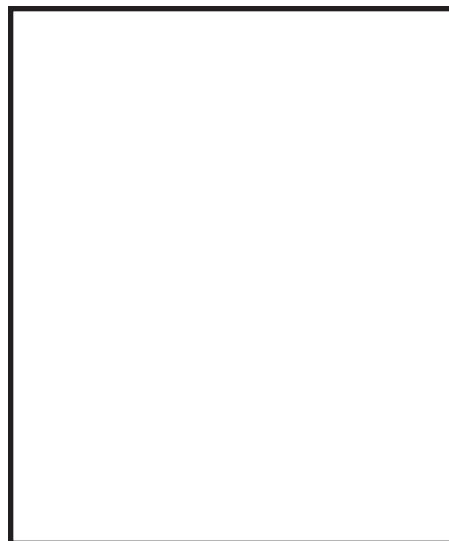
3. Write the number in standard form.

$4,000 + 500 + 70 + 4$ _____

4. $137 - 84 =$

5. Draw a picture, write a number sentence, and solve the problem. Will made 9 phone calls each day for 2 days. How many phone calls did Will make in all?

Will made _____ phone calls in all.



Lesson 7

1. Write the numbers in order from least to greatest. 765, 343, 123, 788, 709

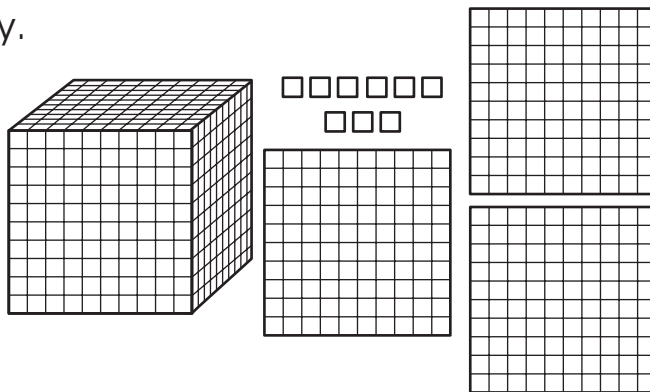
2. Meg did 28 push-ups on Wednesday. She did 7 fewer push-ups on Thursday. How many push-ups did Meg do on Thursday?

Meg did _____ push-ups on Thursday.

3. $191 - 68 =$

4. $433 + 210 =$

5. Look at the base ten blocks. Write the number shown.



Lesson 8

1. Write the numbers in order from greatest to least. 223, 675, 898, 756, 201

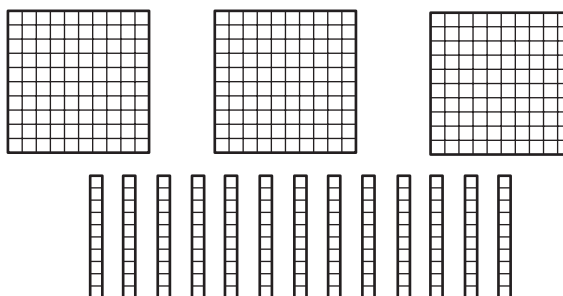
2. The zookeeper takes 2 bags of peanuts to an elephant. There are 12 peanuts in each bag. How many peanuts does the zookeeper give to the elephant?

The zookeeper gives the elephant _____ peanuts.

3. $456 - 135 =$

4. $1,001 + 2,344 =$

5. Look at the base ten blocks. Write the number shown.



Lesson 9

1. Write the number in standard form. $5,000 + 40 + 8$ _____
2. Write the numbers in order from least to greatest. 801, 811, 110, 810, 708

3. Look at the number in the box. Follow the directions.
First, circle the number in the ones place.
Second, draw an X on the number in the tens place.
Third, draw a line through the number in the hundreds place.
Fourth, draw a square around the number in the thousands place.

4,376

4. $417 + 303 =$
5. Owen is going to visit his aunt. He travels 278 miles on Saturday. He travels 81 miles farther on Sunday than he did on Saturday. How many miles did Owen travel on Sunday?

Owen traveled _____ miles on Sunday.

Lesson 10

1. Write the number in standard form. $7,000 + 800 + 40 + 9$ _____
2. Write the name of the ordinal number. 19th _____
3. $678 - 518 =$
4. $765 + 139 =$
5. Write a number sentence and solve the problem. There are 221 children going on a field trip. There are 118 girls. The rest are boys. How many of the children are boys?

There are _____ boys.

Lesson 11

1. Juana has 17 dimes, 11 quarters, and 8 pennies in her pocket. How many dimes and quarters does Juana have in her pocket?

Juana has _____ dimes and quarters in her pocket.

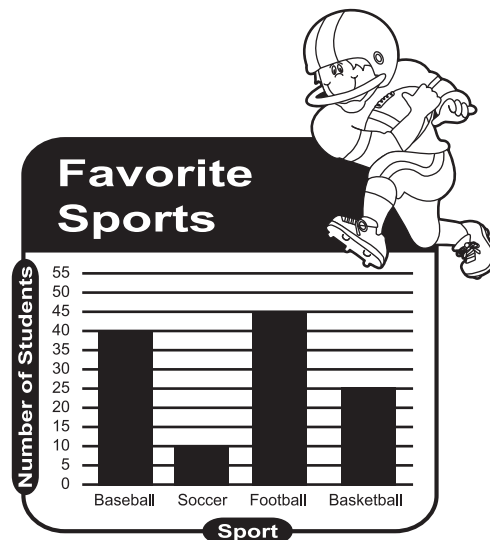
2. $9 + \underline{\quad} = 20$

3. $15 - \underline{\quad} = 11$

4. $17 + \underline{\quad} = 22$

5. Look at the bar graph. How many more students voted for baseball and basketball than voted for football and soccer?

_____ more students voted for baseball and basketball than for football and soccer.



Lesson 12

1. Fill in the missing numbers to complete the pattern.

3, 6, 9, _____, 15, _____, _____

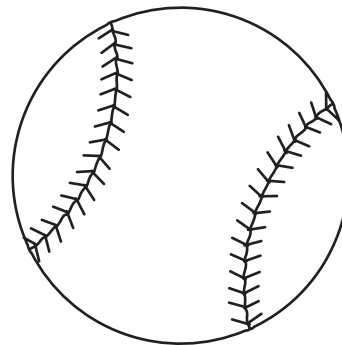
2. Matt has 24 baseballs. He finds 15 more baseballs at the park. How many baseballs does Matt have total?

Matt has _____ baseballs total.

3. $32 + 12 =$

4. $14 - 7 =$

5. $19 + 10 =$



Lesson 13

1. There are 15 flowers in a vase. If 9 flowers are orange and the rest are red, how many flowers are red?

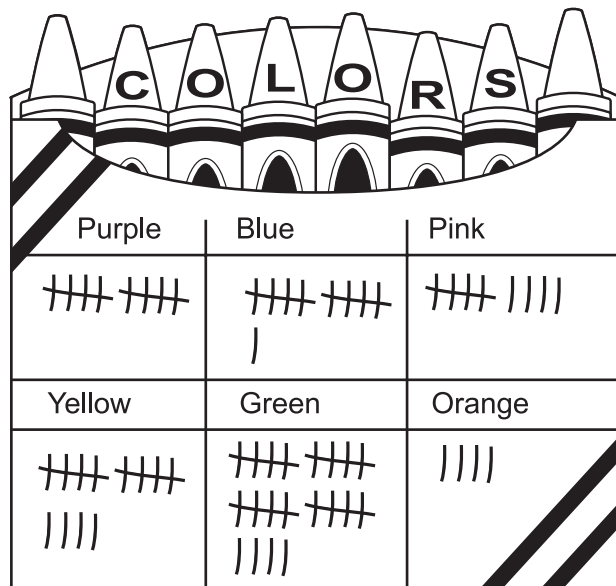
_____ flowers are red.

2. $9 + 9 =$

3. Look at the tally chart. Which color is the most popular? The least popular?

_____ is the most popular color.

_____ is the least popular color.



4. $30 - 20 =$

5. $200 + 400 =$

Lesson 14

1. Pedro wants to play flag football with 9 of his friends. Each player needs 2 flags. How many flags are needed so that all 9 friends and Pedro can play flag football together?

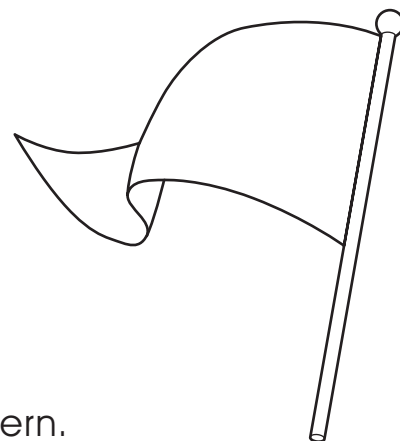
The friends need a total of _____ flags.

2. $15 + 15 =$

3. $75 + 68 =$

4. $21 - 11 =$

5. Draw the missing shapes to complete the pattern.

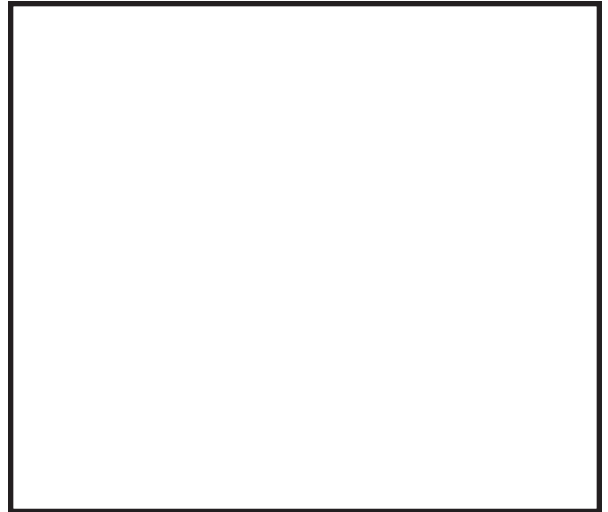


Lesson 15

1. There are 233 students at Marnie's school. If 112 of the students live less than 10 miles from the school and the rest of the students live more than 10 miles away from the school, how many students live more than 10 miles away from the school?

_____ students live more than 10 miles away from the school.

2. $5 \times 1 =$
3. $19 + \underline{\quad} = 23$
4. $44 + 25 =$
5. Draw a picture in the box to show the number sentence $15 - 3 =$.

**Lesson 16**

1. There are 128 animals at the zoo. Of those, 116 animals must be fed before 7 A.M. The rest of the animals are fed after 7 A.M. How many animals are fed after 7 A.M.?

_____ animals are fed after 7 A.M.

2. $118 + 176 =$
3. $212 + 138 =$
4. Fill in the missing letters to complete the pattern.
Z, Z, X, X, _____, V, T, T, _____, _____
5. $97 - 64 =$

Lesson 17

1. A total of 219 students signed up to take swimming lessons. If 174 students are under 10 years old, how many students are over 10 years old?

_____ students are over 10 years old.

2. $72 - 12 =$

3. $44 - 28 =$

4. $314 + 266 =$

5. Draw a picture in the box to show the number sentence $9 \times 4 =$.



Lesson 18

1. If 3 students read 4 books each, how many books did the children read in all?

The children read _____ books in all.

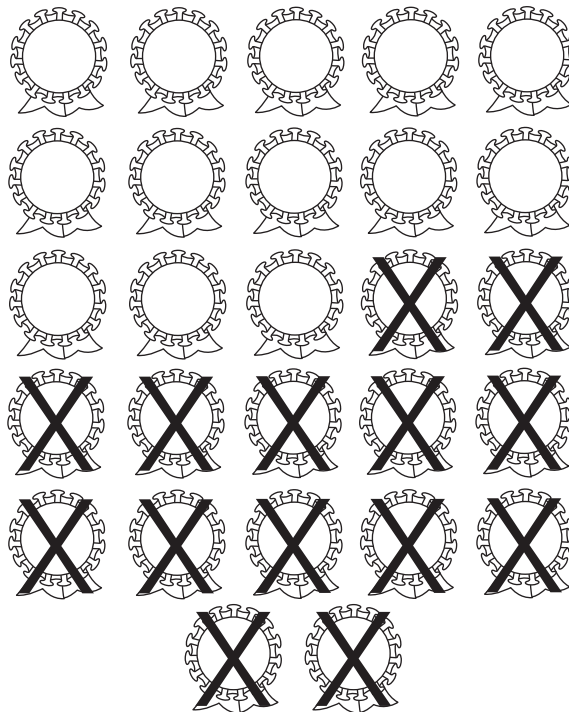
2. $515 + 276 =$

3. $31 - 18 =$

4. $2 \times 3 =$

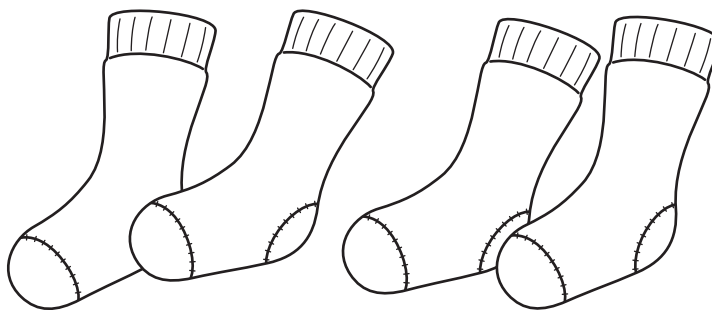
5. Look at the picture. The picture shows a number sentence about how many award ribbons there are. On the line below, write the number sentence. Then, solve the problem.

There are _____ award ribbons.



Lesson 19

- $2 \times 4 =$
- $3 \times 1 =$
- $141 + 233 =$



- James is sorting laundry. He sorts 14 navy socks, 10 red socks, and 24 white socks into separate piles. How many red and white socks does James sort in all?

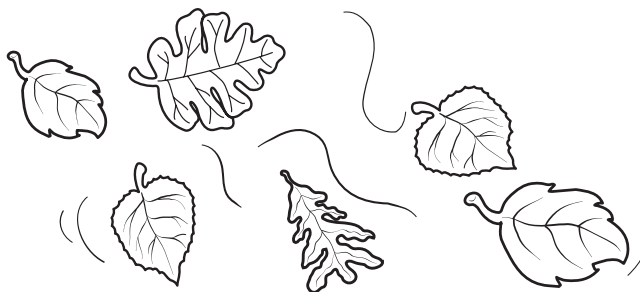
James sorts a total of _____ red and white socks.

- Fill in the missing numbers to complete the pattern.

76, 82, 88, _____, 100, _____

Lesson 20

- $0 \times 4 =$
- $250 + 188 =$
- $71 - 16 =$



- Jay rakes leaves during the first week of September. He makes 3 piles of leaves. If there are 100 leaves in each pile, how many leaves are in all 3 piles total?

There are _____ leaves in all 3 piles total.

- Fill in the blank to complete the pattern.

