Use It! Don't Lose It!

MATH
Daily Skills Practice
Grade 5

by Pat Alvord

1   2   3   4   5   6   7   8   9   10   10   09   08   07

Don't let those math skills get lost or rusty!

As a teacher you work hard to teach math skills to your students. Your students work hard to master them. Do you worry that your students will forget the material as you move on to the next concept?

If so, here's a plan for you and your students—one that will keep those skills sharp.

Use It! Don't Lose It! provides daily math practice for all the basic skills. There are five math problems a day, every day for 36 weeks. The skills are correlated to national and state standards.

Students practice all the fifth-grade skills, concepts, and processes in a spiraling sequence. The plan starts with the simplest level of fifth-grade skills, progressing gradually to higher-level tasks, as it continually circles around and back to the the same skills at a little higher level, again and again. Each time a skill shows up, it has a new context—requiring students to dig into their memories, recall what they know, and apply it to another situation.

The Weekly Plan — Five Problems a Day for 36 Weeks

Monday – Thursday ....
- one computation item (whole numbers, fractions, decimals, or integers)
- one problem-solving task (word problem)
- one measurement problem

Monday and **Wednesday** ......
- one statistics or probability item
- one geometry item

Tuesday and **Thursday** ....
- one number concepts item
- one item using algebra concepts

Friday ....
- two computation items
- one number concepts item
- one item rotating among math strands
- one *Challenge Problem* demanding more involved steps, thinking skills, and calculations (making use of several skills)

## Contents

Name

1. Solve the problem.

325 + 416 =

2. On Monday, the Miller family traveled 130 miles from their home in Indianapolis to Splashin' Safari. They drove 75 miles before breakfast. How many miles did they drive after breakfast?

3. Find the mean (average) number of rides for the four children.

Number of Rides Taken on July Fourth at Knott's Berry Farm: Sara 11, Keith 16, Megan 9, Reggie 8

4. The diameter of many Ferris wheels is 50 feet. Draw a red line to show the diameter of the Ferris wheel at the right. Label it 50 ft.
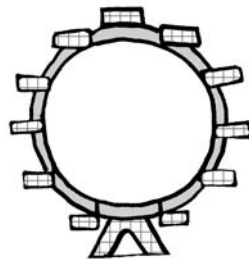
5. Hank Wiley needs to pay for himself, his nine-year-old twins, and his four-year-old. Calculate his admission cost.

Add it up!

TICKETS TO ROCKLAND PARK

Adults & Children (over 10)
$39.95

Children 5-9
$9.95

Children Under 5
FREE

Name

1. More than three hundred twenty-eight million people visit an amusement park in the United States each year. Which of the following shows that numeral?

    a. 3,000,028   c. 3,028,000
    b. 328,000,000   d. 328,000

2. Solve the problem.

$$6 \times \boxed{} = 42$$

3. It was 78 degrees Fahrenheit at 10:00 a.m. when Jamie's family arrived at Six Flags Amusement Park. By noon the temperature had risen 16 degrees. How warm was it at noon?

4. Solve the problem.
$$\begin{array}{r} 568 \\ + 341 \\ \hline \end{array}$$

5. Shawn has $6.50 to spend for lunch. He plans to buy at least three items. Describe two different lunches he might buy.

ROCKLAND PARK DINO CAFE

Steggy Burgers...........$2.75
Dino Dogs....................$2.25
Dino Dogs w/chili......$2.50
Raptor Fries...............$2.00
Neander-nachos.........$1.75
Dactyl Chips..............$0.75
Ice Man Bars..............$2.00
Jungle Juice
sm.   med.   lg.
$1.00 $1.25 $1.50

1. Which is the right angle?

a. b. c.

2. Of 100 people surveyed, 82 visited an amusement park last year. How many did not visit an amusement park?

3. Solve the problem.

408 + 126 + 374 =

4. Margo's family got in line for the Magic Mountain ride at 10:06 a.m. It was their turn to ride at 10:54 a.m. How long did they wait in line?

5. Ben wants two different flavors on his double dip cone. Draw a picture to show how many different choices he has.

TODAY'S FLAVORS

Fudge Swirl (F)
Berry Ripple (B)
Cookie Dough (C)
Rocky Road (R)
Mint Chip (M)

1. A person must be four feet tall to ride the Cyclone roller coaster. Shane is 50 inches tall. Is he tall enough?

2. Round each of the following numerals to the nearest hundred.

    a. 516

    b. 187

    c. 308

3. Solve the problem.

867 – 423 =

4. Find a number that when multiplied by 5 gives a product of 45.

    a. 9   c. 6

    b. 12   d. not here

5. What missing information is needed to solve the problem?

The members of the Bakerville Scout Troop each paid $4.75 to visit the Fun House. What was the total cost of their admission?

We had a *blast!*

Troop #4

Admission Total: _____

1. The Morris family of five will each spend $29.95 for a day-long ticket to Adventure Land. *About* how much money will their family spend on admission?

2. Place these numbers in order from greatest to least.

   1175   1751   1715   1157

3. Coney Island's **Thunderbolt** roller coaster operated from 1925 until 2000. How many years was it in operation?

4. The world's largest Ferris wheel in Yokohama, Japan has 60 gondolas. Each gondola holds 8 people. How many people can ride the Ferris wheel at a time?
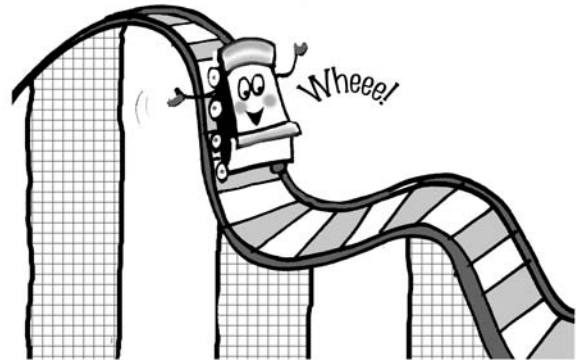
5. Challenge Problem

An amusement park named Thrills & Chills conducted a survey of adult visitors to learn which ride they preferred. 46% liked the rollercoaster; 13% preferred the bumper cars; 10% the log flume; 9% the Ferris wheel and 7% the carousel. The rest were undecided about their favorite ride.

   a. What percentage of people could not decide on their favorite ride? _____

   b. Create a bar graph that communicates this information.

Color the bar graph.

Title:_____

50%

40%

30%

20%

10%

0
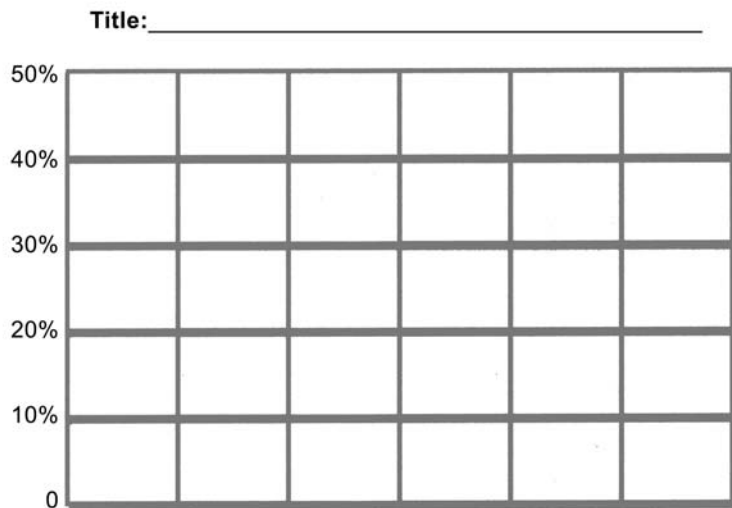
Labels: _____ _____ _____ _____ _____ _____

Name

1. Hurricanes are serious storms that begin over tropical waters. If the wind speed stays under 73 miles per hour, the storm will just be considered a tropical storm. If the speed exceeds that amount, the storm is called a hurricane. A particular tropical storm in the Caribbean Sea has a wind speed of 54 miles per hour. How much must the wind speed increase before the storm is called a hurricane?
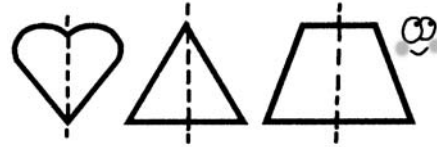
2. Solve the problem.   **5.6 + 7.9 =**

3. What are your chances of tossing an even number?
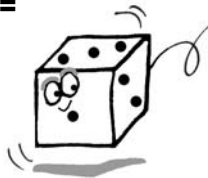
4. A hurricane warning is announced at least 18 hours before the storm is expected in your area. If a warning is issued at 5:00 a.m., when should you be prepared for it to strike?

5. Notice the dotted line of symmetry on each of the following figures.

a. Which of the letters on the hurricane message below have one line of symmetry? _____

b. Which letters have no line of symmetry? _____

c. Do any of the letters have more than one line of symmetry? ____

BE ALERT

Name

1. Each year, hurricane season begins on June 1st and ends on November 30th. What is the best estimate of the number of days in hurricane season?

I'm just blowing through.

   a. 200 days
   b. 120 days
   c. 180 days

2. Rewrite this expression using words.

y x 9 = 18

3. A family should store two quarts of water for each family member for each day of the storm. How many quarts would a family of six need for a storm that might last three days?

4. What is the value of the 6 in this numeral?

5,675.34

5. Julie and her dad will prepare for a possible hurricane by covering their windows with pieces of plywood. Use the formula for area (length times width) to see how many square feet of plywood are needed to cover this window.

3 ft.

3 ft.   3 ft.

3 ft.