

ST. ANTHONY OF PADUA SCHOOL

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www.stanthonyschoolva.org



Dear St. Anthony parents of rising fifth graders:

What a great year we had in fourth grade! In order to prepare your students for our studies in fifth grade, please have them complete the math packet and summer readings assigned for the fifth grade. Please print the math packet that is posted on the school website. It must be turned in by the Friday of the first week of school. It will be graded, and the grade will count as the first quiz grade for the new school year.

Please continue to have your student review addition, subtraction, multiplication, and division facts during the summer. They are the foundation for all of our math studies in fifth grade, and the better your student knows them, the more success they will have! Mastery is defined as the ability to complete 100 problems in addition/subtraction or multiplication in five minutes. A suggested website is www.math.com. There are also workbooks available for math facts practice at local teacher stores.

Your student is required to complete the fifth grade summer reading list posted on the school website. All students will be tested on the *Glass Elevator* during the first week of school, to be followed by preparation of a book report on the *Phantom Tollbooth*. You are also asked to review the attached list of sight words. Sight words are the basic building blocks of reading and writing, and this list includes many words that are age appropriate for fifth grade.

Enjoy your summer and encourage your student to keep learning and reading! I am looking forward to a phenomenal year with all of you.

God Bless,

Mrs. Lynn Schab
Intermediate Grades Department Head



Multiplication

Name _____

Zoo Information

Mrs. Carson's class gathered information about African animals from the zoo. They came back to school with the following problems. Answer in complete sentences.

1. Each tiger at the zoo eats about 85 pounds of meat in a week. How many pounds of meat must the zoo provide each week for the 14 tigers it owns?

2. The baby gorilla at the zoo weighed only 5 pounds at birth. Its father weighed 90 times as much. How much did the father gorilla weigh?

3. If an elephant eats about 95 pounds of food a day, how much food will the elephant eat in a year?

4. Each hyena eats about 3 pounds of food a day. How many pounds of food will a pack of 15 hyenas need for 31 days?

5. A hippopotamus requires about 50 pounds of food per day to maintain its weight. How much does it weigh if its weight is about 110 times its daily food intake?

6. An average lion eats about 75 pounds of meat at a time. It eats about 3 times a week. About how many pounds of meat will it eat in one year?

7. A large antelope called the eland stands about 6 feet tall. It can stretch its neck and eat from the tops of trees which are 1.5 times taller. How tall are these trees?

8. A baby elephant may weigh about 250 pounds at birth. By the time it is an adult, it weighs 50 times as much. How much does the adult elephant weigh?

Each ostrich needs a pen about 20 feet by 10 feet. How many square feet of space will be needed by 11 ostriches?

Name _____

CUCUMBER CANAL

Why is the Suez Canal like the first U in the word cucumber?

To solve the riddle, match the numbers beneath the answer spaces at the bottom of the page with the letters in the boxes that have the corresponding sums.

A 4768 <u>+8801</u>	S 4854 <u>+7803</u>	B 7576 <u>+4219</u>	C 8793 <u>+4881</u>	E 1853 <u>+9367</u>
S 5793 <u>+6864</u>	U 4763 <u>+6583</u>	T 6265 <u>+6094</u>	I 7464 <u>+5648</u>	E 4846 <u>+6374</u>
A 4954 <u>+8615</u>	S 3892 <u>+8765</u>	B 5946 <u>+5849</u>	E 3714 <u>+7506</u>	N 4385 <u>+7728</u>
W 8372 <u>+4099</u>	T 3476 <u>+8883</u>	E 4654 <u>+6566</u>	W 9165 <u>+3306</u>	I 8715 <u>+4397</u>
E 6594 <u>+4626</u>	O 5693 <u>+7723</u>	T 4593 <u>+7766</u>	E 2687 <u>+8533</u>	S 6947 <u>+5710</u>

- | | | | | | | | |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>11,795</u> | <u>11,220</u> | <u>13,674</u> | <u>13,569</u> | <u>11,348</u> | <u>12,657</u> | <u>11,220</u> | |
| <u>13,112</u> | <u>12,359</u> | | <u>13,112</u> | <u>12,657</u> | | | |
| <u>11,795</u> | <u>11,220</u> | <u>12,359</u> | <u>12,471</u> | <u>11,220</u> | <u>11,220</u> | <u>12,113</u> | |
| <u>12,359</u> | <u>12,471</u> | <u>13,416</u> | | <u>12,657</u> | <u>11,220</u> | <u>13,569</u> | <u>12,657</u> |

Name _____

FIND THE DIFFERENCE

What do you call a sleeping bull? To solve this riddle, first work the subtraction problems below. Then write the letter corresponding to each answer on the appropriate line at the bottom of the page.

Z 1067 - 549 <hr/>	F 1233 - 687 <hr/>	H 1414 - 679 <hr/>	L 1001 - 387 <hr/>	C 1122 - 537 <hr/>
K 1808 - 967 <hr/>	L 1262 - 648 <hr/>	B 1096 - 631 <hr/>	N 1360 - 869 <hr/>	I 1293 - 739 <hr/>
U 1589 - 754 <hr/>	G 1165 - 639 <hr/>	R 1605 - 847 <hr/>	A 1404 - 478 <hr/>	M 1176 - 549 <hr/>
P 1411 - 693 <hr/>	Q 1430 - 684 <hr/>	T 1663 - 748 <hr/>	D 1438 - 965 <hr/>	E 1614 - 965 <hr/>
D 1338 - 865 <hr/>	W 1817 - 958 <hr/>	S 1342 - 597 <hr/>	O 1651 - 954 <hr/>	Y 1160 - 643 <hr/>

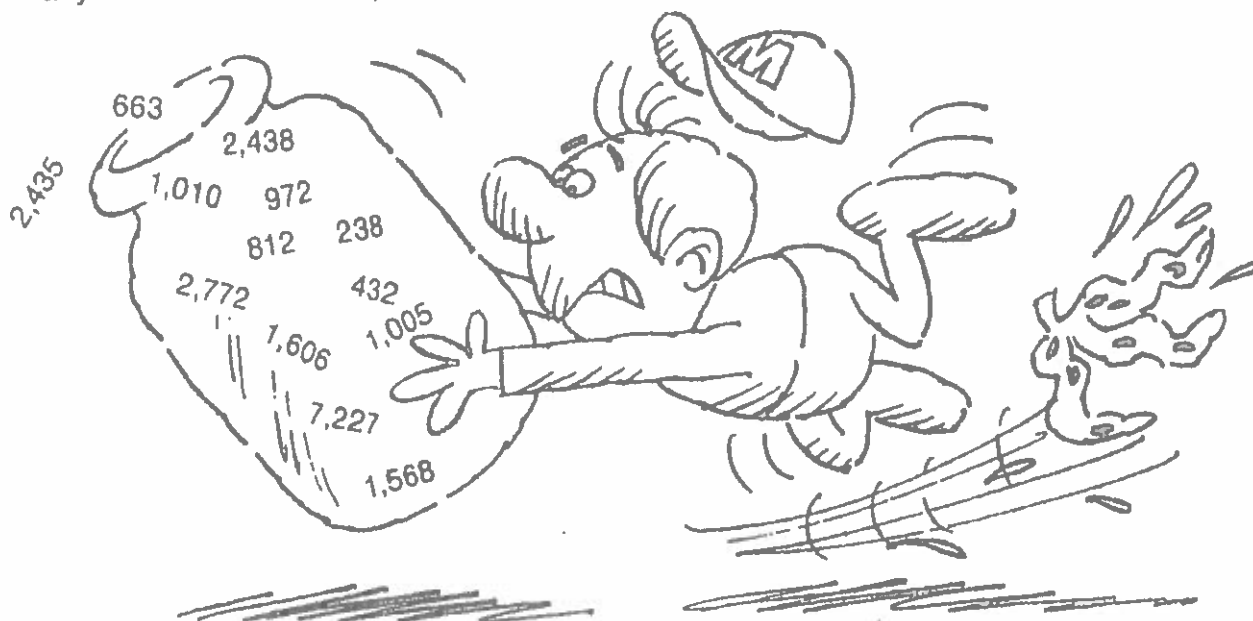
926

465 835 614 614 473 697 518 649 758



MULTIPLICATION MIX

Marty Multiplier has fumbled again. He's mixed up all the products from the multiplication problems below, and now he doesn't know where each product belongs. Help Marty match each product in the product jar below to its proper multiplication problem. Be careful, because Marty has mistakenly mixed in a few extra products that don't belong anywhere at all. Use a separate sheet of paper to show your work.



1.
$$\begin{array}{r} 49 \\ \times 32 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 28 \\ \times 29 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 73 \\ \times 22 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 67 \\ \times 15 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 17 \\ \times 14 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 84 \\ \times 33 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 13 \\ \times 51 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 54 \\ \times 18 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 53 \\ \times 46 \\ \hline \end{array}$$

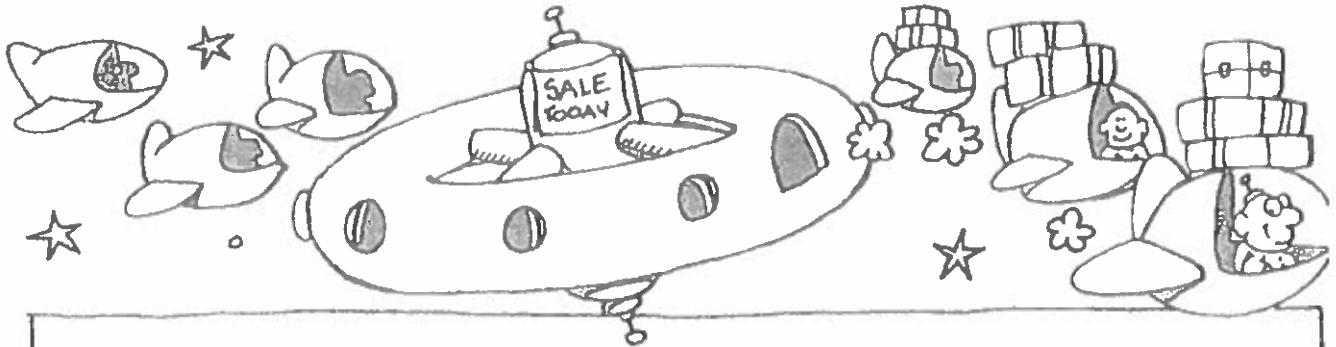
7.
$$\begin{array}{r} 27 \\ \times 16 \\ \hline \end{array}$$



Name _____

SPACE STATION STORE

Space explorers always do their shopping at the Space Station Store. Read each problem below. Circle the (+) if addition is the best way to solve the problem. Circle the (x) if multiplication is the best way to solve the problem. Then solve the problem. Write the answers on the lines provided. (Use a separate sheet of paper to show your work.)



- Elmo bought six cans of rocket fuel. Each can holds eight gallons. How many gallons of fuel did he buy in all? (+) _____
(x) _____
- Connie bought 17 green gizmos, 41 red gizmos, and 14 blue gizmos. How many gizmos did she buy in all? (+) _____
(x) _____
- Luke bought five instruction manuals. Each manual contains 26 star charts. How many star charts does Luke have now? (+) _____
(x) _____
- Aretha bought three boxes of computer chips. Each box contains 128 chips. How many chips did she buy in all? (+) _____
(x) _____
- Leon bought four oxygen tanks. One tank held 10 pounds, another held 35 pounds, another held 55 pounds, and the biggest held 75 pounds. How many pounds of oxygen does Leon have now? (+) _____
(x) _____
- Phyllis, who was thirsty, bought four bottles of moon juice. Each bottle holds 16 ounces. How many ounces of moon juice did Phyllis buy in all? (+) _____
(x) _____
- George was about to leave for dangerous places in the galaxy. He bought 4 miniblasters, 55 maxiblasters, and 19 superblasters. How many blasters did George buy in all? (+) _____
(x) _____
- Mary bought seven spaceship fix-it kits. Each kit contains 158 meteor patches. How many meteor patches does Mary have now? (+) _____
(x) _____
- Frank bought 97 regular gadgets, 145 special gadgets, and 268 extraspecial gadgets. How many gadgets did Frank buy in all? (+) _____
(x) _____
- Sue bought nine boxes of power packs. Each box contains 246 power packs. How many power packs did Sue buy? (+) _____
(x) _____



Name _____

BE PREPARED

What kind of hat do you wear to bed at night? To solve the riddle, match the numbers beneath the answer lines at the bottom of the page with the letters in the boxes that have the corresponding sums.

H 7933 + 714 -----	A 2929 + 918 -----	Q 7887 + 946 -----	G 2867 + 695 -----	L 2874 + 817 -----
U 2831 + 365 -----	K 1389 + 476 -----	W 3869 + 396 -----	S 6892 + 527 -----	O 5692 + 786 -----
J 8795 + 742 -----	B 3919 + 649 -----	N 6711 + 851 -----	X 3847 + 916 -----	F 5793 + 856 -----
V 1691 + 657 -----	I 8833 + 814 -----	R 5732 + 865 -----	M 7953 + 643 -----	T 3691 + 957 -----
O 6259 + 219 -----	Y 7418 + 688 -----	H 8119 + 528 -----	C 2692 + 965 -----	D 6905 + 749 -----



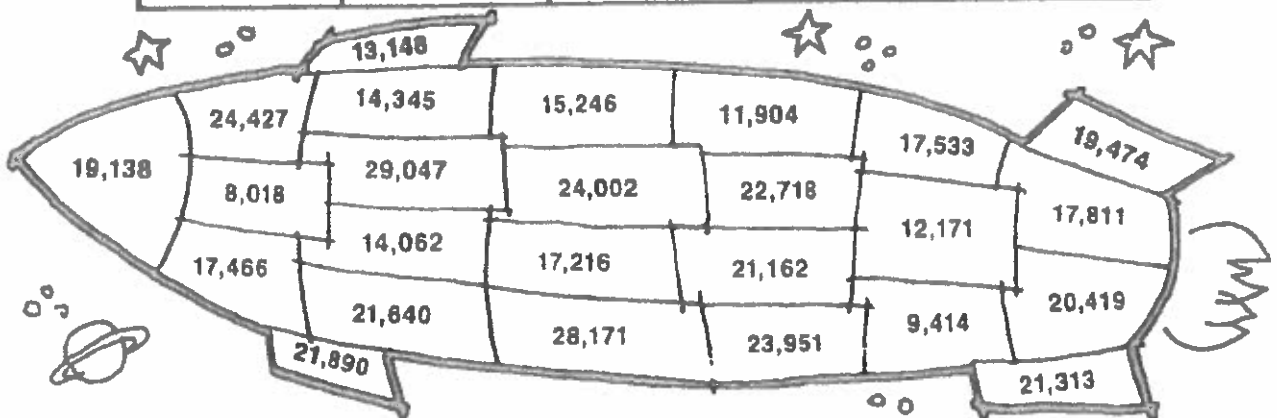
1955 7562 9647 3562 8647 4648 8647 6478 6478 7854

Name _____

THE ROCKET SHIP

Fuel the rocket's blast-off by checking off your correct answers below.

	a	b	c	d	e
1	1245	3567	2378	1487	2309
	3652	9407	1547	2948	1954
	4863	9054	8715	4832	2587
	<u>+5486</u>	<u>+1974</u>	<u>+4576</u>	<u>+3879</u>	<u>+2564</u>
2	4365	3762	9824	9456	2154
	5642	9045	1375	3467	8246
	1857	3247	4865	3698	4276
	<u>+2198</u>	<u>+4365</u>	<u>+1469</u>	<u>+5269</u>	<u>+8042</u>
3	5406	4390	2368	4539	7852
	2165	6052	8536	2064	4809
	3150	5470	2318	4160	3492
	<u>+1450</u>	<u>+3562</u>	<u>+8091</u>	<u>+3582</u>	<u>+5487</u>
5	5601	3982	3320	4544	9900
	4305	1450	4830	2391	8042
	5672	2380	4030	1456	9540
	<u>+3560</u>	<u>+4092</u>	<u>+5286</u>	<u>+9420</u>	<u>+1565</u>
5	5200	4391	1145	3217	4300
	6140	9831	4015	5120	7130
	7800	2065	1468	9830	4102
	<u>+9031</u>	<u>+8140</u>	<u>+1390</u>	<u>+5784</u>	<u>+5630</u>



Name _____

SOLO SUBTRACTION

Work the problems and cross off the correct answers in the box below.

1. a b c d e

$$\begin{array}{r} 4000 \\ -3917 \\ \hline \end{array}$$
$$\begin{array}{r} 2645 \\ -1786 \\ \hline \end{array}$$
$$\begin{array}{r} 9236 \\ -1479 \\ \hline \end{array}$$
$$\begin{array}{r} 7135 \\ -3789 \\ \hline \end{array}$$
$$\begin{array}{r} 9273 \\ -7634 \\ \hline \end{array}$$

2. 8642 9476 8576 8392 5176

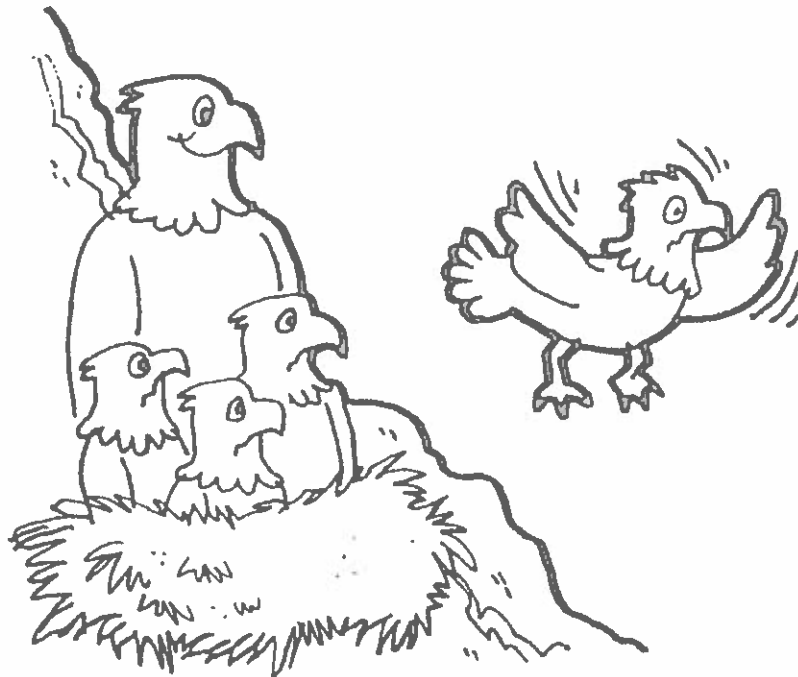
$$\begin{array}{r} -7853 \\ \hline \end{array}$$
$$\begin{array}{r} -6587 \\ \hline \end{array}$$
$$\begin{array}{r} -6789 \\ \hline \end{array}$$
$$\begin{array}{r} -1678 \\ \hline \end{array}$$
$$\begin{array}{r} -4287 \\ \hline \end{array}$$

3. 8654 7468 3417 4796 6235

$$\begin{array}{r} -6768 \\ \hline \end{array}$$
$$\begin{array}{r} -3578 \\ \hline \end{array}$$
$$\begin{array}{r} -2538 \\ \hline \end{array}$$
$$\begin{array}{r} -3587 \\ \hline \end{array}$$
$$\begin{array}{r} -3946 \\ \hline \end{array}$$

4. 6470 9376 4765 8356 9247

$$\begin{array}{r} -2589 \\ \hline \end{array}$$
$$\begin{array}{r} -4787 \\ \hline \end{array}$$
$$\begin{array}{r} -2896 \\ \hline \end{array}$$
$$\begin{array}{r} -4768 \\ \hline \end{array}$$
$$\begin{array}{r} -7358 \\ \hline \end{array}$$



Answer Box	
1889	3346
83	1869
6714	1209
889	3588
1787	2289
879	3881
7757	789
3890	4589
859	1639
1886	2889



Name _____

GOOD GLIEF!

This is a glief. Gliefs live in groups. A group of gliefs may be almost any size, but they tend to multiply in number very quickly. That is why the town has a gliefcatcher, who is a very busy man. Read and solve the multiplication problems below to see how busy the gliefcatcher will be. Write the answers on the lines provided. (Use a separate sheet of paper to show your work.)



1. On Pleasant Street, 10 groups of 56 gliefs each have been spotted. How many gliefs are on Pleasant Street? _____
2. There are 12 groups of 89 gliefs each on Samson Boulevard. How many gliefs are on Samson Boulevard? _____
3. On Main Street, 18 groups of 130 gliefs each have been seen. How many gliefs are on Main Street? _____
4. On Hill Road, there are 20 groups of 210 gliefs each. How many gliefs are on Hill Road? _____
5. Someone counted 26 groups of 414 gliefs each on Verona Street. How many gliefs are on Verona Street? _____
6. There are reported to be 33 groups of 768 gliefs each on River Road. How many gliefs are on River Road? _____
7. Yikes! On Morton Avenue, 45 groups of 1,231 gliefs each have been seen. How many gliefs are on Morton Avenue? _____
8. Oh, no! Have you heard that there are 68 groups of 2,344 gliefs each on Spring Street? How many gliefs are on Spring Street? _____
9. Argh! A report shows that 72 groups of 2,837 gliefs each are covering Albert Place. How many gliefs are on Albert Place? _____
10. There are gliefs all over town! How many gliefs are there in all? _____



NIMBLE NUMBERS

Calcula the Computer claims that he can do the multiplication problems below in fewer than five minutes. See if you can beat Calcula's record. If you need more work space, use a separate sheet of paper.



1.
$$\begin{array}{r} 143 \\ \times 12 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 349 \\ \times 56 \\ \hline \end{array}$$



2.
$$\begin{array}{r} 286 \\ \times 13 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 524 \\ \times 68 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 462 \\ \times 24 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 902 \\ \times 75 \\ \hline \end{array}$$

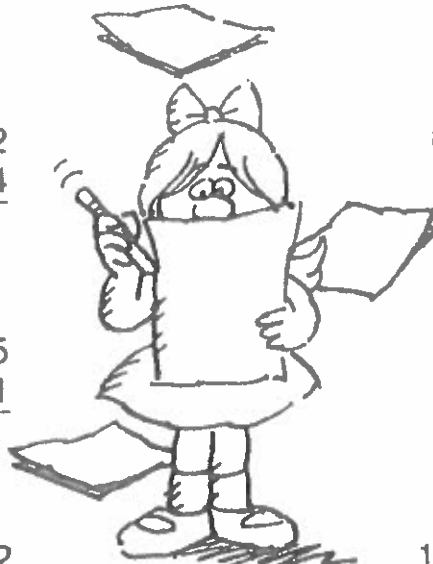


4.
$$\begin{array}{r} 875 \\ \times 31 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 204 \\ \times 87 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 732 \\ \times 44 \\ \hline \end{array}$$

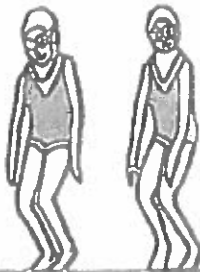
10.
$$\begin{array}{r} 391 \\ \times 93 \\ \hline \end{array}$$



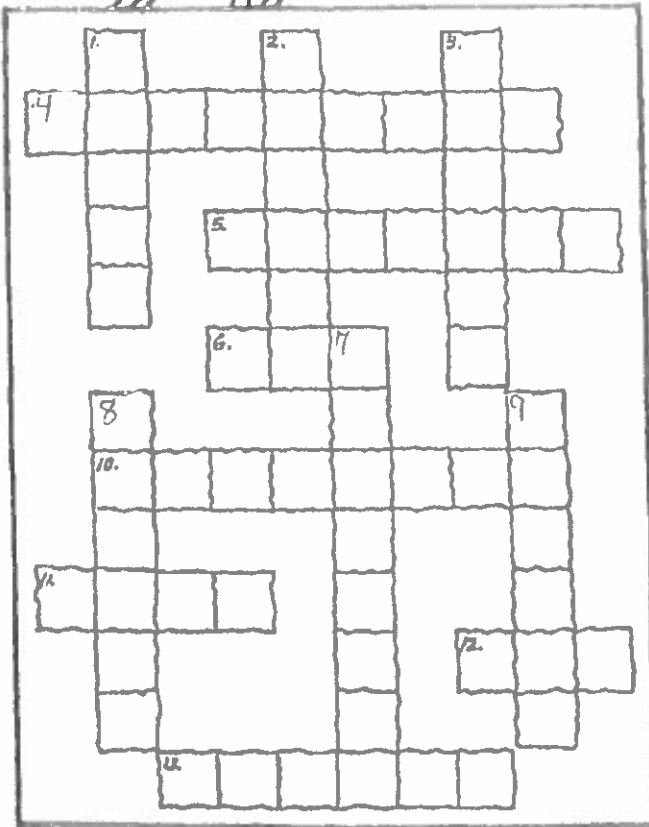
A BIG RACE. A WARM POOL

At the 1996 Summer Olympics, 14,000 people could find seats in the Aquatic Center to watch swimming events. Swimmers could compete in 32 different events for medals. They swam from 50 meters to 1500 meters in different races. The swimming pool was 50 meters long, with water that stayed at about 78° to 80° (Fahrenheit).

There are many numbers around the Olympic Games—numbers of people and medals, scores, distances, measurements, temperatures, and amounts of money.



Read these numbers written in words. Write the numerals into the puzzle to match the clues.



DOWN

1. forty thousand, nine hundred, seventy-three
2. one hundred fifty-one thousand, six hundred
3. nine hundred thousand, nine hundred, one
7. seventy-one million, eight hundred thousand, three
8. six hundred ten thousand, three hundred, ninety
9. four hundred fifty thousand, nine

ACROSS

4. three hundred million, fifty thousand, eight
5. two million, six hundred thousand, nine hundred
6. two hundred seven
10. twelve million, eight thousand, thirty-five
11. eight thousand, three hundred, fifty-one
12. nine hundred nine
13. three hundred thousand, three hundred

Name: _____

Date: _____

Riddle 13

**What did the duck
wear to his wedding?**

Add.

Solve the riddle using your answers below.

$\frac{2}{4} + \frac{1}{4} = \underline{\hspace{1cm}}$ R	$\frac{4}{12} + \frac{7}{12} = \underline{\hspace{1cm}}$ A
$\frac{1}{5} + \frac{3}{5} = \underline{\hspace{1cm}}$ S	$\frac{4}{6} + \frac{1}{6} = \underline{\hspace{1cm}}$ D
$\frac{3}{8} + \frac{2}{8} = \underline{\hspace{1cm}}$ O	$\frac{6}{9} + \frac{1}{9} = \underline{\hspace{1cm}}$ L
$\frac{3}{7} + \frac{2}{7} = \underline{\hspace{1cm}}$ C	$\frac{7}{11} + \frac{3}{11} = \underline{\hspace{1cm}}$ N
$\frac{2}{8} + \frac{4}{8} = \underline{\hspace{1cm}}$ T	$\frac{1}{7} + \frac{5}{7} = \underline{\hspace{1cm}}$ K
$\frac{4}{10} + \frac{5}{10} = \underline{\hspace{1cm}}$ E	$\frac{1}{3} + \frac{1}{3} = \underline{\hspace{1cm}}$ U

Solve the Riddle! Write the letter that goes with each answer.

$\frac{11}{12}$ $\frac{5}{6}$ $\frac{2}{3}$ $\frac{5}{7}$ $\frac{6}{7}$ $\frac{4}{5}$ $\frac{9}{10}$ $\frac{5}{6}$ $\frac{5}{8}$