Dear Parents of Incoming Fifth Graders,

Welcome to the Fifth Grade! We can face many challenges and transitions in the fifth grade and it will be an exciting year. Throughout the school year the students will be preparing to cross the bridge into middle school. Be prepared to learn new concepts and expand thought processes. We're in for a great voyage!

In order that our gears are in motion as soon as the school year starts, the students are **REQUIRED** to complete the following reading and math assignments this summer. These should not be considered optional, but please feel free to add more to the assignments to keep your minds active!

Reading:

Every student is required to read at least **two** books this summer. It is important for the student to choose books that s/he can enjoy and read easily*. The student must complete a book report on both books, and should be done on the attached book report forms. **They are due the first week of school. This will be a quiz grade for the first quarter.**

Math:

Summer maintenance of math skills is vital. Incoming fifth graders are required to know all their addition and subtraction facts, as well as the multiplication and division facts. A test on math facts will be given sometime in the first two weeks of school and the grade will count in the first quarter average. Knowing these facts from the very beginning of school is important to establishing a firm foundation on which to build the more critical skills of fractions, decimals and percents studied in the fifth grade. Every student is required to complete the accompanying math packet, due the first week of school. This will count as a quiz grade for the first quarter. Please have your student work through 2 or 3 pages a day and not wait until the end of summer to complete all the activities. Studies have shown that students who do not practice their skills for months will regress and have a more difficult transition back to the math curriculum. It is important your child does the work correctly. After your child completes the problems in each section, you can check their work to ensure comprehension. These are all skills that were taught in fourth grade.

There are a number of websites that are good for drill and practice. One site that is highly recommended is **IXL.com**. The students should remember their log-ins used from the previous school year. If not, it is the child's firstnamelastname415 and the password is the student's birthdate in numbers, with a four digit birth year. For example, a student born February 29, 2002 would have the password 2292002.

Most of all, enjoy your summer! Stay on top of your skills, but relax and get out in the sun too. Get ready for an exciting year in fifth grade!

- *A few suggestions on book lists (not personal recommendations, just giving you a place to start):
 - http://www.brrsd.k12.nj.us/curriculum.cfm?subpage=1003
 - http://www.scholastic.com/parents/resources/article/book-selection-tips/build-4th-gradereading-list-your-growing-reader
 - http://readingtokids.org/Books/BooksGrade.php#4

NAME	DATE
В	OOK REPORT FOR A NOVEL
Be sure to write neatly and in black or dark blu punctuation and sentence structure will count	ue ink. Be sure to use complete sentences. Legibility, capitalization,
BOOK TITLE	# OF PAGES
AUTHOR	PUBLISHER
Setting is often very important in a novel. Des setting was involved, be sure to include all det	cribe IN DETAIL the setting of the book that you read. If more than one ails. (Reminder: Setting is time AND place!)
	r importance to the story. What part did they play in novel? Did any of
Main character	
Main character	
(If your book has more than three important c description of the character/s.) CONFLICT: What is the main problem in the bo	haracters in the book, attach a separate sheet of paper with a book? (Give details)

How did the book conclude? Give details)
What genre of book was this book? What person is story told in?
SUMMARY: Write a detailed summary of the story, explaining the important events and action in this book.
In your opinion, what makes this book interesting/important? (Back up with details from the book.)
What is your opinion of the book? Would you recommend it to others? Why or why not? (Be sure to give specific details from the book to support your opinion.)

NAME	DATE
В	OOK REPORT FOR A NOVEL
Be sure to write neatly and in black or dark blu punctuation and sentence structure will count	ue ink. Be sure to use complete sentences. Legibility, capitalization,
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Main character	
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How did the book conclude? Give details)
What genre of book was this book? What person is story told in?
SUMMARY: Write a detailed summary of the story, explaining the important events and action in this book.
In your opinion, what makes this book interesting/important? (Back up with details from the book.)
What is your opinion of the book? Would you recommend it to others? Why or why not? (Be sure to give specific details from the book to support your opinion.)

Name ______ Date _____

Number Place

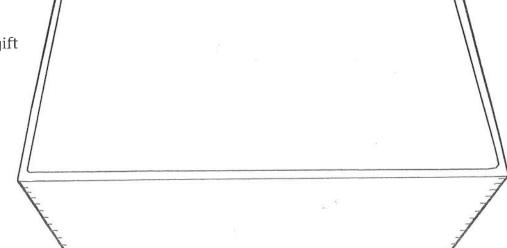
Write the place value of the underlined digit.

FAST Math

Subtract. Circle any answer that is your age.

Think Tank

Jin has \$20. She bought flowers for \$3.50 and a gift for \$2 more than that. She bought a card for \$1.95. How much did she spend in all?



JUMPSTART 5

	14 12	_
Maria		Doto
Name		Date
1101110		

Number Place

Label the columns on the place value chart below from *Ones* to *Millions*. Record the number that has 2 thousands, 8 hundreds, 5 ten-thousands, 0 hundred-thousands, 4 ones, 3 millions, and 0 tens.

		29		-	
4			a	a)	

FAST Math

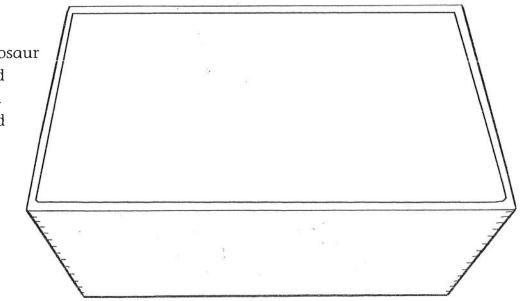
Add. Circle any answer that is an even number.

1,712	34,128	314
421	2,218	31,004
+ 8,065	+ 5,835	52
		+ 666

Think Tank

A scientist found 84 dinosaur eggs in one location and 201 in another location.
She had expected to find 300 eggs. By how much did she miss her goal?

Show your work in the tank.



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Name	-
------	---

Date _____

Number Place

Write the number 10,000 less.
______ 60,000
_____ 900,000
_____ 1,000,000

Write the number 100,000 more.

27,399 _____

564,799 _____

888,888 _____

FAST Math

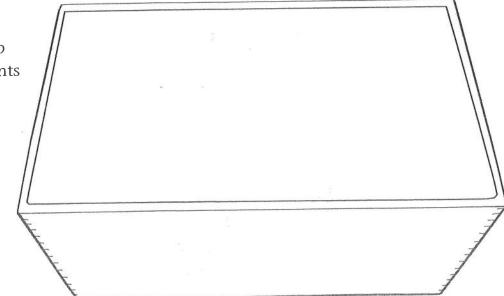
Subtract. Circle any answer whose digits add to less than 10.

746 - 332 88 - 67 657 - 204

6,949 - 5,822 578 - 466 9,896 - 4,625

Think Tank

Saul's school is setting up chairs in the gym. Students have already set up 135 chairs. They will set up 320 in all. How many more chairs do they need to set up?



Name _____ Date ____

Number Place

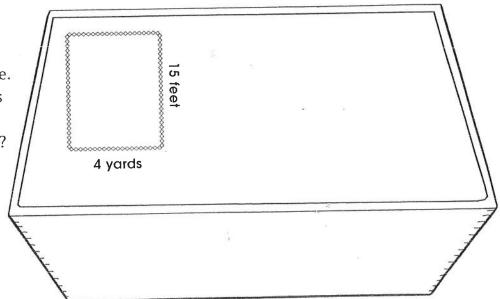
Round each number to its greatest place.

FAST Math

Round each number to its greatest place. Then estimate each difference.

Think Tank

Anna's room is a rectangle. Its length is 15 feet and its width is 4 yards. What is the perimeter of the room?



Name _____ Date ____

Number Place

Use all the numbers on the cards to form:

- 6 1 5
- the *greatest* number _____
- 2 7 3
- the least number _____
- the greatest even number _____
- the greatest *odd* number _____

FAST Math

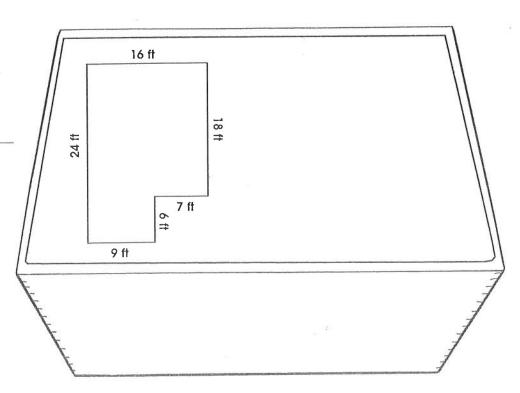
Find each product as quickly as you can.

$$7 \times 4 =$$

$$4 \times 9 =$$

Think Tank

What is the perimeter of Tran's apartment?



Bean

36

Lettuce

Carrot

23

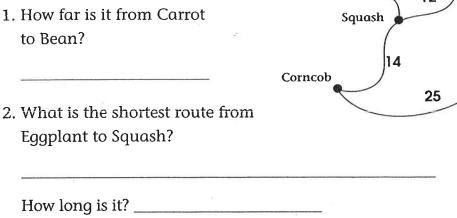
20

Data Place

Use the map of Veggie County to answer the questions.

All distances on the map are given in kilometers.

- 1. How far is it from Carrot to Bean?

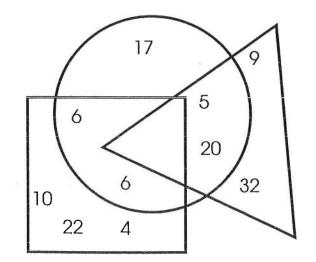


3. Which two towns are 59 km apart one way and 77 km apart the other way?

Use the numbers in the figure to solve the problems below.

Find the product of numbers:

- inside the square *only*
- inside the triangle and circle
- inside the circle and square



Eggplant 18

Pea

Use the table about stadium seats to answer the questions.

- 1. How many seats are in the stadium?
- 2. How many more seats are in the upper deck than in the loge?
- 3. What is the cost of 4 tickets in the mezzanine?

Seats in a Stadium

Location	Number	Price
Field Level	8,000	\$55
Mezzanine	5,600	\$45
Loge	18,000	\$35
Upper Deck	30,000	\$25
Bleachers	800	\$10

- 4. Cal bought 3 tickets for \$105. Where are his seats?
- 5. Mia bought 2 tickets in one section and 2 in another. She spent \$160 in all.

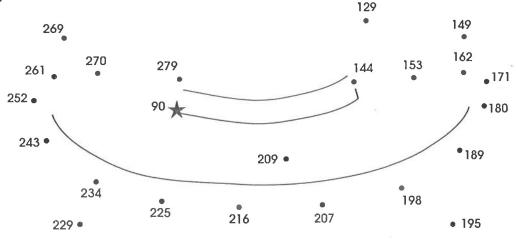
Where are her seats? _____

Puzzler

Begin at the ★.

Skip count by 9s to connect the dots.





Name ______ Date _____

Number Place

Rewrite each money amount. Use \$ and .

four dollars and sixty cents _____

twenty-seven dollars and thirty-four cents _____

one hundred ninety dollars and two cents _____

two thousand fifteen dollars and fifty cents _____

FAST Math

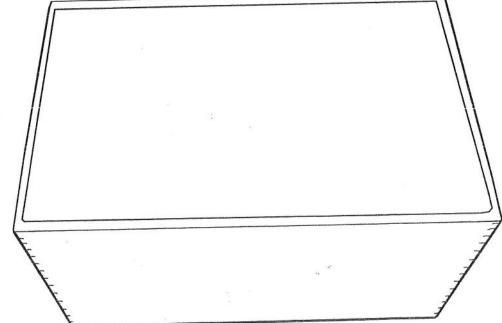
Multiply.

Think Tank

in the tank.

Rosa saw ducks and cows at a farm. In all, she counted 9 animals and 28 legs. How many ducks and how many cows did she see?

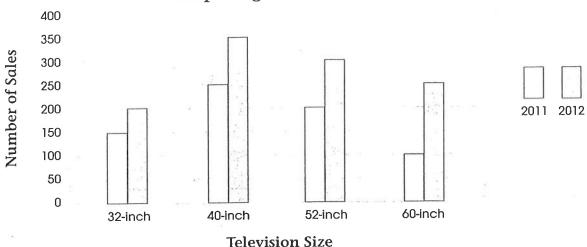
Show your work



The graph compares television sales at Ed's Electronics Store.

Use the graph to answer the questions.





- 1. Which size TV sold best in 2011? _____
- 2. Which size TV sold worst in 2012? _____
- 3. Which size TV had the greatest sales growth from 2011 to 2012? _____
- 4. How many more TVs sold in 2012 than in 2011? _____

Puzzler

Use the clues below to find out the home of the most famous groundhog in America.

_____, PA

The second and sixth letters are *u*.

The fourth letter is x.

The third and tenth letters are n.

The eighth letter is *a*.

The twelfth letter is *y*.

The seventh letter is t.

The eleventh letter is *e*.

The ninth letter is w.

The first letter is *P*.

The fifth letter is *s*.

Name _____ Date _____

Number Place

Write any number that belongs between.

FAST Math

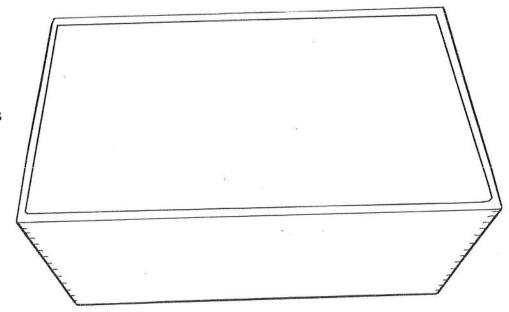
Find each product. Circle the two products that are the same.

Think Tank

Forty-four runners from
Thorpe School are going
to a track meet. The vans
that take them hold
8 students each.
How many vans
do the runners need?

Show your work in the tank.

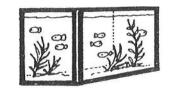
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The Fish Tank is having a sale on some popular items.

Use the price list to answer the questions below.



1. How much more than the book

does the tank cost? _____

2. Jae spent \$29.73 on three items. What are they?

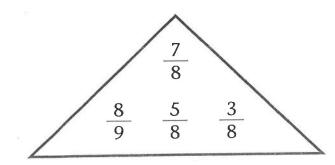
3. Which costs more: 2 of the 20-gallon tanks or 6 sunken ships?_____

How m	uch i	more?	
-------	-------	-------	--

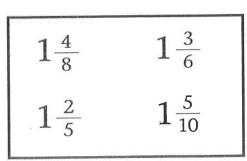
Item	Price
Fish Food	\$ 5.79
Tropical Fish Book	\$15.25
Tank Plant	\$10.99
20-Gallon Tank	\$35.95
Sunken Ship	\$12.95

Puzzler

In each shape, cross out the fraction or mixed number that does *not* belong. Then, write one that *does* belong on the line beneath the shape.



1.



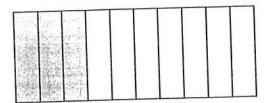
2. _____

Name _____

Date _____

Number Place

Write the decimal for each part.



1	19 No. 15 T	(×. E	vd.		-14-1		
		.Khiii	ign-	(401)	1.3	1400 110	
. 1.11194	1.11	7 7 7			8 %		-
	15. 1-3						
							_
							_

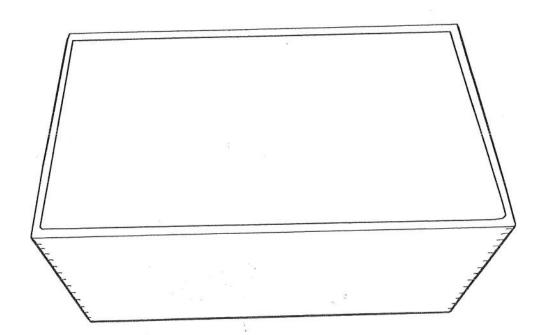
FAST Math

Find each quotient as quickly as you can.

$$0 \div 5 =$$

Think Tank

Rosa's teacher ordered 6 pizzas for a party.
Each cost \$12.75.
She shared the cost equally with 4 other teachers. How much did each teacher pay?



Name _____ Date ____

Number Place

Circle each number that has a 4 in the tenths place.

Circle each number that has a 4 in the hundredths place.

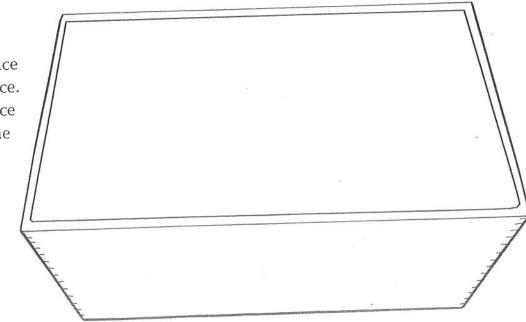
Circle each number that does not have a 4 in the tenths or hundredths place.

FAST Math

Find each quotient as quickly as you can.

Think Tank

Jada bought a 64-ounce container of apple juice. How many full 6-ounce glasses of juice can she serve her friends?



Name _____ Date ____

Number Place

Write each decimal in number form.

sixty-two hundredths _____
nine tenths _____

seven hundredths ______
sixteen hundredths _____
one hundredth _____

FAST Math

Find the missing numbers.

If $3 \times 9 = 27$, then $3 \times 90 =$ _____.

If $6 \times 8 =$ _____, then $6 \times 80 =$ _____.

If $7 \times 7 =$ _____, then $7 \times 70 =$ _____ and $7 \times 700 =$ ____.

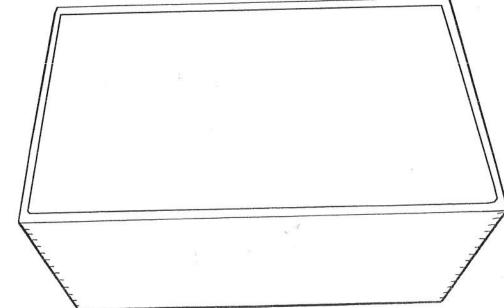
If $35 \div 5 = 7$, then $350 \div 5 =$ _____.

If $54 \div 9 =$ _____, then $540 \div 9 =$ _____.

If $32 \div 4 =$ ______, then $320 \div 4 =$ ______ and $3,200 \div 4 =$ _____.

Think Tank

An oak tree is 5.5 meters tall. An elm tree is 1.1 meters shorter. How tall is the elm tree?



Date _____ Name _____

Number Place

Order the decimals from least to greatest.

- 1.5 1.9 1.2 1.6
- 6.7 6.8 6.1 6.4

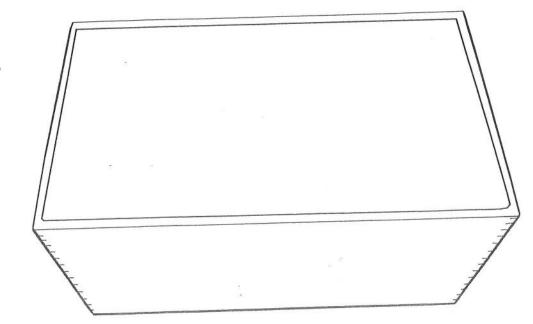
Order the decimals from greatest to least.

- 10.1 10.9 0.4 10.6
- 12.7 12.3 11.9 12.8

FAST Math

Use number sense to estimate each quotient.

How many seconds are there in 2 hours?





Students counted the number of cousins they have.

Finish the table. Then answer the questions below.

Number of Cousins

Range	Tallies		Number
0–4	 		
5–8		** *	42
9-12	## ## ## I		
13-16	THL HHL II	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
17 or more			9
1. Which range	has three times as many tallies as	0-4?	t) 10 15 15 15 15 15 15 15 15 15 15 15 15 15
2. Which range	has half as many tallies as 5–8? _	2	
3. Which range	would include the number of cous	ins you have?	

Puzzler

Half a design appears on one side of a line of symmetry. Complete the rest of the design. Keep it symmetric.

		1. E			100	
	8 4		,	(e.e.blasse		(Eyel vys



The table shows the estimated populations of America's five largest cities, as of April 2010.

Use the table to answer the questions.

1. Which city's population rounds to 3,000,000?

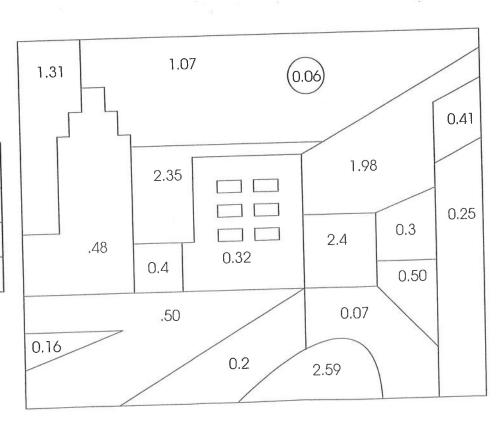
City	Population
New York, NY	8,175,133
Los Angeles, CA	3,792,621
Chicago, IL	2,695,598
Houston, TX	2,099,451
Philadelphia, PA	1,526,006

- 2. Which two cities differ in population by about 1,700,000? _____
- 3. Which city has about 3 times as many people as Chicago?_____
- 4. Suppose Philadelphia's population increases by about 500,000. About how many people would live there?

Puzzler

Color the design. Use the key.

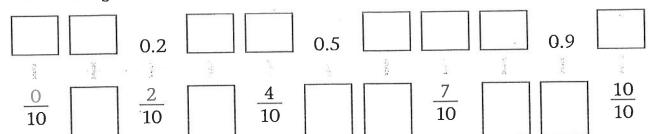
If the decimal is	Color the space
> 1.0	blue
= 0.5	purple
< 0.5	green



Name ______ Date _____

Number Place

Finish labeling the number line to show equivalent decimals and fractions.

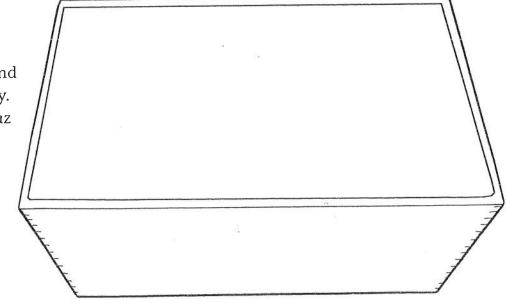


FAST Math

Find each quotient.

Think Tank

Luz played soccer for $2\frac{3}{4}$ hours on Monday and for $1\frac{1}{4}$ hours on Tuesday. How much longer did Luz play on Monday?

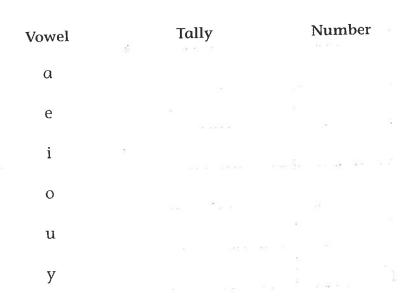




Use the table below to tally all vowels in the riddle and in its answer.

Why is a giraffe's neck so long?

Because its head is so far from its body!





Write the weights you would use.









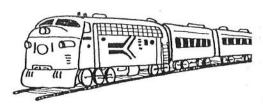


Total Weight	Weights Used
975 grams	
1,800 grams	
2,300 grams	



Use the train schedule to answer the questions below.

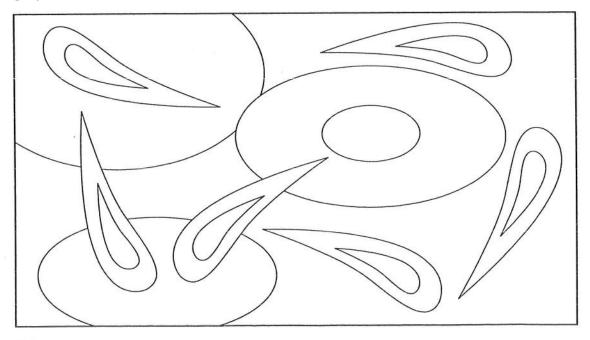
Leaves	Time	Arrives	Time
Tulip	10:00 а.м.	Rose	10:25 р.м.
Rose	10:29 а.м.	Lilac	10:44 р.м.
Lilac	10:48 а.м.	Crocus	11:26 р.м.
Crocus	11:30 а.м.	Aster	12:15 р.м.



- 1. Which is the shortest trip? _____
- 2. Which trip lasts 38 minutes? _____
- 3. At what time do you think the train arrives at Tulip? _____
- 4. When do you think the train leaves Aster?

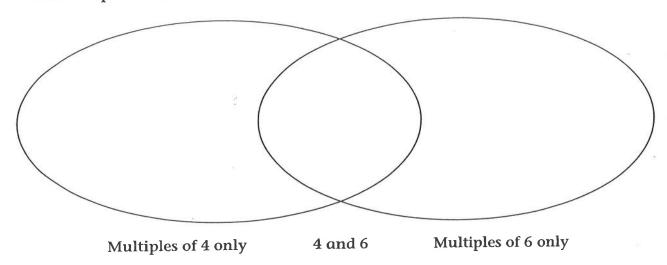
Puzzler

Fill in this design using 4 different colors. You can repeat colors—but not where sections touch.





Use the Venn diagram and numbers between 0 and 50. Write multiples of 4 in one part. Write multiples of 6 in the other part, and multiples of 4 and 6 in the overlapping part.



Puzzler

Find each small array inside the big array on the right. When you find it, circle it and write its number.

	1	7	2	3	3
X	X		X	\times	
	X	X		X	X

			X	X	
	X			X	
\times		X		X	
		X	X	X	

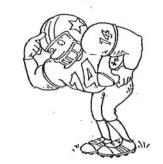


The table shows scoring in the National Football League. The scoreboard shows the last time the Melons played the Pumpkins.

Touchdown	6 points
Touchdown With Extra Point	7 points
Field Goal	3 points
Safety	2 points

Use the clues to fill in the scoreboard.

Quarter	1	2	3	4	Final Score
Melons	3				85
Pumpkins	2	3	6		



- The Melons scored a touchdown in the 2nd quarter.
- The Melons scored a touchdown with an extra point in the 3rd quarter.
- The Pumpkins scored a field goal in the fourth quarter.
- The Melons won the game by 4 points.

Puzzler

FACH of these

Use logic to figure out what a *nerp* is. Then solve.

is a nerp.			
NONE of these is a <i>nerp</i> .			
Circle all the <i>nerps</i> .	*		
What is the rule for	a nerp?		

Use two dot cubes. Toss them 50 times. Make an X for each sum in the line plot below. Be sure you have 50 Xs in all.



What interesting things do you see in the data?

2 3 4 5 6 7 8 9 10 11 12

Puzzler

Solve each division problem. Then color.

(RED

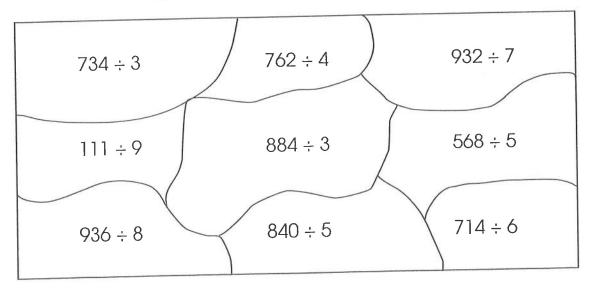
if the remainder is even.

YELLOW

if the remainder is odd.

BLUE

) if there is no remainder.



JUMPSTART 50

Name	Date_	F	
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Number Place

Read the clues to figure out the number.

- I am a 4-digit decimal between 10 and 20.
- My tenths digit is twice my tens digit.
- The sum of my tenths and ones digits equals my hundredths digit.
- The sum of all my digits is 11.

What number am I? _____

FAST Math

Multiply. Circle the pair of products that have a sum of 5,100.

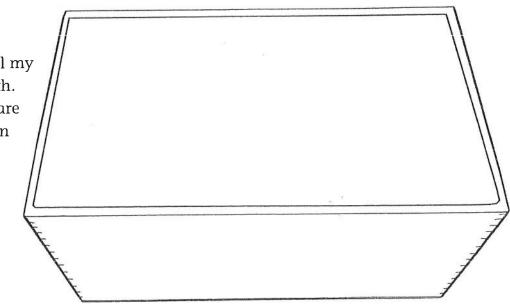
33 × 22 23 × 11 42 × 12 48 × 99

64 × 39 75 × 29 62 × 42 44 × 83

Think Tank

I am a quadrilateral. All my sides are the same length.
But none of my angles are right angles. Draw me in the tank. What am
I called?

Show your thinking in the tank.



10.
$$8 \times 5 =$$

38.
$$6 \times 7 =$$

7.
$$5 \times 7 =$$

3.
$$0 \times 7 =$$

8.
$$5 \times 7 =$$

10.
$$6 \times 5 =$$

19.
$$5 \times 2 =$$

35.
$$7 \times 7 =$$

36.
$$3 \times 3 =$$

38.
$$5 \times 5 =$$

Basic-Facts Timed Test 5

8.
$$0 \div 8 =$$

3.
$$5 \times 5 =$$

6.
$$3 \times 2 =$$

8.
$$5 \times 0 =$$

9.
$$4 \times 4 =$$

12.
$$6 \times 6 =$$

14.
$$4 \times 7 =$$

16.
$$3 \times 5 =$$

17.
$$5 \times 6 =$$

18.
$$9 \times 6 =$$

19.
$$0 \times 6 =$$

22.
$$5 \times 3 =$$

37.
$$8 \times 7 =$$

38.
$$3 \times 0 =$$

39.
$$5 \times 2 =$$

50.
$$9 \times 3 =$$
