Preparing For Third Grade Math

Over the summer, it will be very important to have your child continue to practice their addition and subtraction facts. They should be able to recall these facts quickly without pausing or using their fingers. Being able to recall the facts quickly will greatly increase their confidence and success in math. Research has shown that using different strategies like writing the addition and subtraction facts, using flash cards, and using online resources will move the facts into their long-term memory.

One great resource is IXL. This wonderful program allows students to work at their own pace to master grade level skills. Math is broken down into specific skills that correlate with each grade level. If your child has received a gold medal on the second-grade skills, he or she might like the challenge of moving up to the third-grade level skills. Learning the multiplication facts is a skill we will be working on mastering in the third grade. Your child may begin studying the multiplication facts to help build their confidence when the new skill is being introduced.

The other resource is a math review packet that will help to reinforce the skills taught in second grade. Your child will need to complete one page a week. Your child will return the completed packet to their third-grade teacher at the beginning of next year.

Please encourage your child throughout the summer to visit the IXL website at least 2 times a week and to complete one page a week of the math review packet.

Attached to this letter, you will find your child's username and password along with tips on using IXL at home.

Thank you,
The Third Grade Team

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Thank you,
The Third Grade Team

Name: _____

Addition

Find the sums.

a.
$$58 + 59$$

b.
$$64 + 18$$

c.
$$25 + 81$$

d.
$$72 + 44$$

e.
$$92 + 72$$

f.
$$45 + 19$$

g.
$$39 + 94$$

h.
$$26 + 9$$

i.
$$15 + 52$$

j.
$$65 + 77$$

k.
$$88 + 39$$

l.   Max's dog buried 14 bones in the garden.
He buried 26 more the next day.
How many bones did he bury altogether?   _____

m.   Jack had 8 frisbees to throw to his dog.
He buys 35 more.
How many frisbees does he have in all?   _____

Addition Word Problems

Answer the questions. Show your work.

1. Gina picks 28 flowers.
Hannah picks 36 flowers.
How many flowers did they pick in all?

Answer: _____

2. Kyle has 45 rocks.
Leo has 39 rocks.
How many rocks do they have in all?

Answer: _____

3. Patty has 64 crayons.
She buys 8 more.
How many crayons does she have now?

Answer: _____

4. Matt sees 29 ducks.
14 more fly in.
How many ducks does Matt see now?

Answer: _____

Name: _____

Subtraction

Subtract to find the differences.

a.
```
   9 4
 - 1 3
```

b.
```
   7 2
 - 2 0
```

c.
```
   8 1
 - 6 1
```

d.
```
   3 0
 - 2 0
```

e.
```
   9 9
 -   8
```

f.
```
   7 6
 - 3 1
```

g.
```
   2 8
 - 1 4
```

h.
```
   8 8
 -   5
```

i.
```
   5 9
 - 5 9
```

j.
```
   4 3
 - 2 2
```

k. Amy has 36 markers. 12 do not work.
   How many markers do work?

   _____

l. There are 25 kids in Mr. Ying's class.
   13 are girls. How many are boys?

   _____

Name: _____

Fairy Tale Subtraction

Subtract to find the differences.
Then match the letters to the
blanks below to solve the riddle.

A 321
  -210

L 745
  -324

P 828
  -516

P 935
  -723

G 723
  - 13

E 567
  -366

S 789
  -135

I 544
  - 503

S 745
  - 25

L 586
  - 63

R 923
  -123

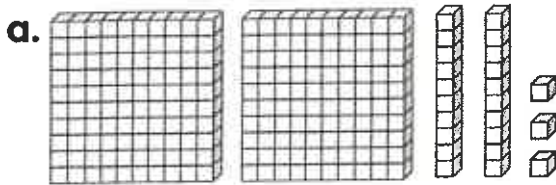S 769
  -455

F 886
  -365

What did Cinderella fish wear to underwater ball?

710   421   111   720   314
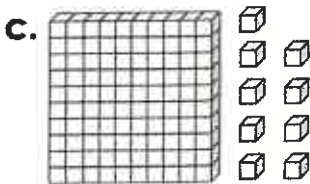
521   523   41   312   212   201   800   654

Name: _____

Place Value
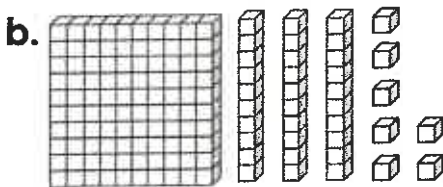
a.

hundreds	tens	ones	number

b.

hundreds	tens	ones	number

c.

hundreds	tens	ones	number

d.

hundreds	tens	ones	number

e.
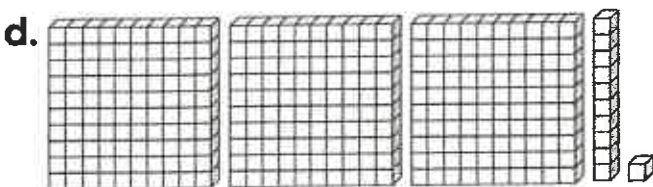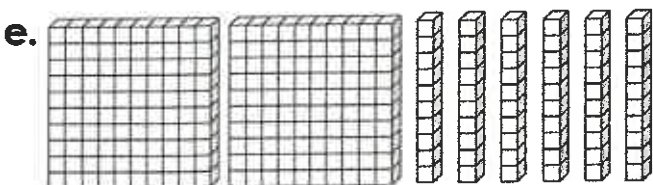
hundreds	tens	ones	number

Expanded Form

When you write a number in expanded form, you write a number in the form of an addition statement that shows place value.

The number 349 in expanded form looks like this:

300 + 40 + 9

The number 205 in expanded form looks like this:

200 + 5

Write each number in expanded form.

a. 625 = _____

b. 356 = _____

c. 791 = _____

d. 904 = _____

e. 886 = _____

f. 370 = _____

Write each number in standard form.

g. 400 + 20 + 7 = _____

h. 500 + 9 = _____

i. 100 + 80 + 2 = _____

j. 200 + 60 = _____

k. 900 + 10 + 9 = _____

l. 300 + 7 = _____

m. Which is larger: 400 + 50 + 6 or 400 + 60 + 5? _____

n. Which is smaller: 736 or 700 + 60 + 3? _____

Name: _____

Rounding to the Nearest Ten

Round each number to the nearest ten.

34 - _____   91 - _____

86 - _____   25 - _____

72 - _____   53 - _____

Star Numbers

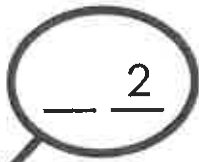⭐ 36   ⭐ 46   ⭐ 31

⭐ 23   ⭐ 27   ⭐ 44
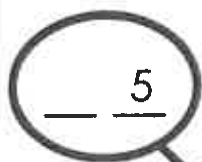
Which two star numbers round to 40?
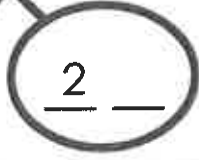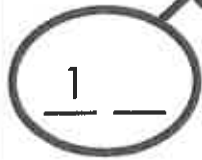
_____ and _____

Which two star numbers round to 30?

_____ and _____

_5_   _2_

Write 4 numbers that round to 20

_1_   _2_

Write **True** or **False** for each statement.
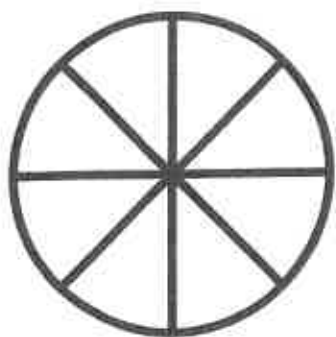
27 rounds to 20. _____

8 rounds to 10. _____

94 rounds to 90. _____

Colorful Fraction Circles

Color 3 parts red. Color 4 parts blue. Color 1 part green.

What fraction of the circle is red? _____

What fraction of the circle is blue? _____

What fraction of the circle is green? _____

Color 1 part red. Color 1 part yellow. Color the rest of the circle green.

What fraction of the circle is red? _____

What fraction of the circle is yellow? _____

What fraction of the circle is green? _____

Color half of the circle orange. Color 1 part purple. Color 1 part brown.

What fraction of the circle is orange? _____

What fraction of the circle is purple? _____

What fraction of the circle is brown? _____

Color 1 part blue. Color 4 parts green.

What fraction of the circle is blue? _____

What fraction of the circle is green? _____

What fraction of the circle is not colored? _____
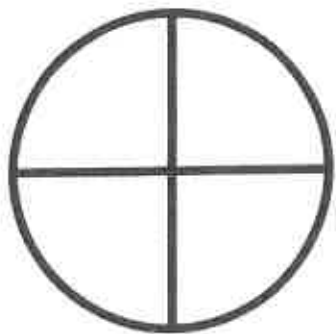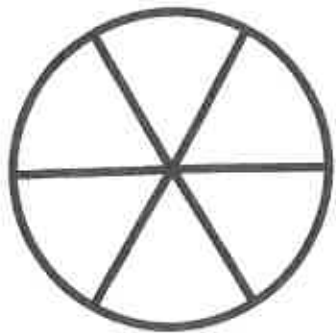
Summer Reading Assignment

Dear Second Grade Parents,

There is a strong correlation between reading regularly for pleasure (any reading) and academic success, including building vocabulary, an understanding of sentence structure, and an increase in stamina for reading harder texts. It is also clear that the more you read the better you write.

So this summer, don't stop READING! We are asking that your child complete five activities on the Summer Reading Bingo game board. When returning for the new school year, please bring the attached game board and form documenting the books your child read. Also, your child will need to be ready to take an AR on one of the books they chose to read. I would suggest that your child choose one of the last books they read to be the one that they take an AR on. This will help them to more easily recall the story's events.
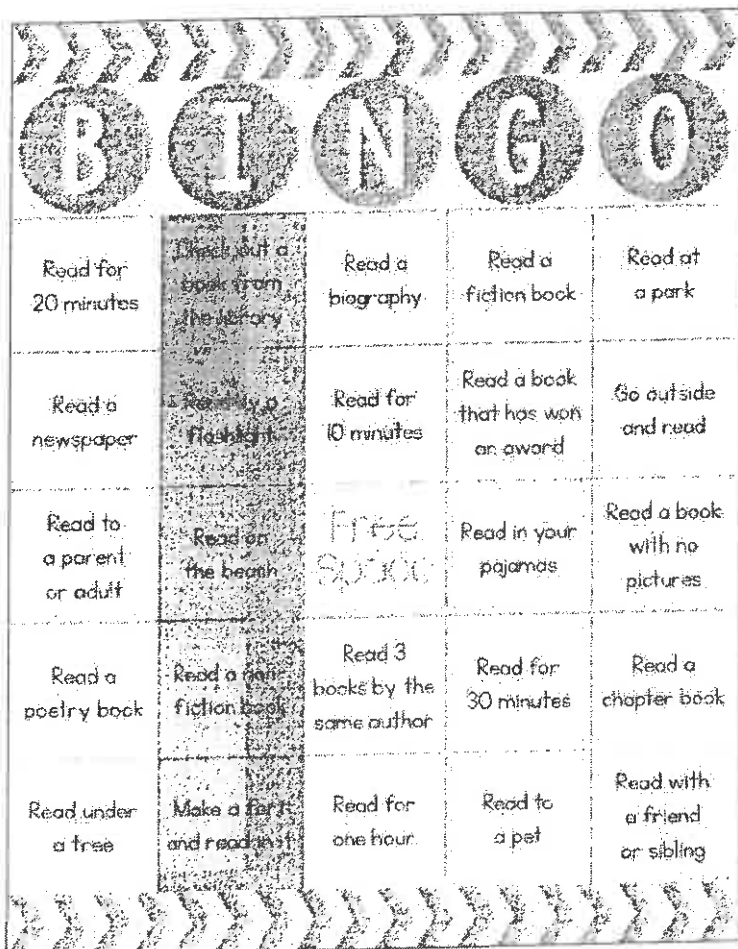
Thank you,

Third Grade Team

Summer Reading Bingo
Directions

Summer Reading Bingo is to be played all summer long to encourage reading in a fun and engaging way!

B	I	N	G	O
Read for 20 minutes	Check out a book from the library	Read a biography	Read a fiction book	Read at a park
Read a newspaper	Read with a flashlight	Read for 10 minutes	Read a book that has won an award	Go outside and read
Read to a parent or adult	Read on the beach	Free Space	Read in your pajamas	Read a book with no pictures
Read a poetry book	Read a non-fiction book	Read 3 books by the same author	Read for 30 minutes	Read a chapter book
Read under a tree	Make a fort and read in it	Read for one hour	Read to a pet	Read with a friend or sibling

To play:

students complete a summer reading activity and then color in the square when it's finished. To get a bingo, five in a row (vertical, horizontal, or diagonal) must be completed. For an extra challenge, students can try for a full board bingo and complete all the activities!

BINGO

Read for 20 minutes	Check out a book from the library	Read a biography	Read a fiction book	Read at a park
Read a newspaper	Read by a flashlight	Read for 10 minutes	Read a book that has won an award	Go outside and read
Read to a parent or adult	Read on the beach	Free Space	Read in your pajamas	Read a book with no pictures
Read a poetry book	Read a non-fiction book	Read 3 books by the same author	Read for 30 minutes	Read a chapter book
Read under a tree	Make a fort and read in it	Read for one hour	Read to a pet	Read with a friend or sibling

Summer Reading Bingo

Please list the books, articles, or poems your child read this summer.

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Thank you,

Third Grade Team