Summer Math Program
First Grade
Week 1

Fast Facts

See how many you can do in one minute!

3 + 4	2 + 1	4 + 2	2 + 5	5 + 0	7 + 2	3 + 3
6 - 4	2 - 0	5 - 1	7 - 5	4 - 2	3 - 3	1 - 0

Counting Practice

Fill in the missing numbers from 1-20.

1	2	3	4		6	7		9	10
11		13		15			18		

Number Sense

Write the numbers that make the sentence true.

*****	*****
*****	*****
*****	*

__15__ is more than _____.

Problem Solving

Draw a picture to solve the problem. The first one is done for you.

1. Jack has 1 book. His dad gave him 2 more. How many books does he have altogether?

1 book + 2 books = 3 books

2. May put 5 stickers on her paper. Then she put on 2 more. How many stickers did she put on her paper altogether?

Test Practice

Fill in the ○ for the correct answer. NH means "Not Here".

1. There are 6 bugs on a leaf. Then 3 fly away. How many bugs are left?

6 – 3 = ?	4	9	3	NH
	○	○	○	○

Web Links

Try these web sites for additional practice and interactive learning!

- Math Magician Games (math fluency)
  http://resources.oswego.org/games/mathmagician/cathymath.html

- EduPlace Math eGames – Math Lingo (math vocabulary)
  http://www.eduplace.com/kids/mw/swfs/mathlingo_grade1.html

Summer Math Program
Entering First Grade
Week 2

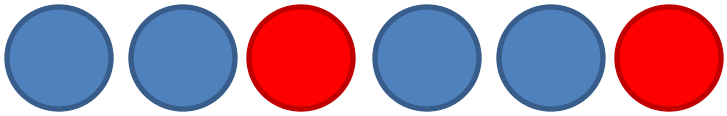
Fast Facts

See how many you can do in one minute!

3	2	7	3	8	7	4
+ 3	+ 5	+ 2	+ 5	+ 0	+ 1	+ 3
6	9	5	3	4	3	8
- 2	- 0	- 5	- 2	- 4	- 2	- 7

Patterning Practice

Finish each pattern:



_____ _____ _____

4 3 1 4 3 1 _____ _____ _____

Web Links

- ABC-Ya! Math website for addition skills
  http://www.abcya.com/addition.htm
- Harcourt Schools math drills
  http://www.harcourtschool.com/activity/thats_a_fact/english_K_3.html

ADD THE NUMBERS

Jumbo needs help finding the right ball. Add the numbers in each box and color the ball with the correct answer.

5 + 6 = _____

11 14 9

4 + 3 = _____

10 7 5

6 + 7 = _____

8 15 13

7 + 2 = _____

19 9 12

8 + 8 = _____

16 18 10

3 + 9 = _____

9 12 13

9 + 8 = _____

17 11 7

5 + 3 = _____

10 8 9

7 + 8 = _____

11 12 15

Summer Math Program
Entering First Grade
Week 3

Fast Facts

See how many you can do in one minute!

3	2	7	3	8	7	4
+ 3	+ 5	+ 2	+ 5	+ 0	+ 1	+ 3
6	9	5	3	4	3	8
- 2	- 0	- 5	- 2	- 4	- 2	- 7

Time for Time

Write the time on the line:

1. 

_____

_____ o'clock

2. 

_____

_____ o'clock

3. 

_____

_____ o'clock

Number Order

Write the number that comes in between the two given numbers.

1. _____ 26 ---------- 28 _____

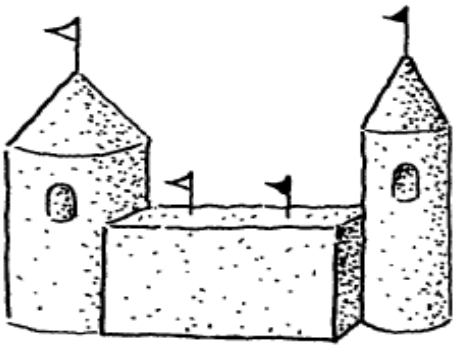
2. _____ 22 ---------- 24 _____

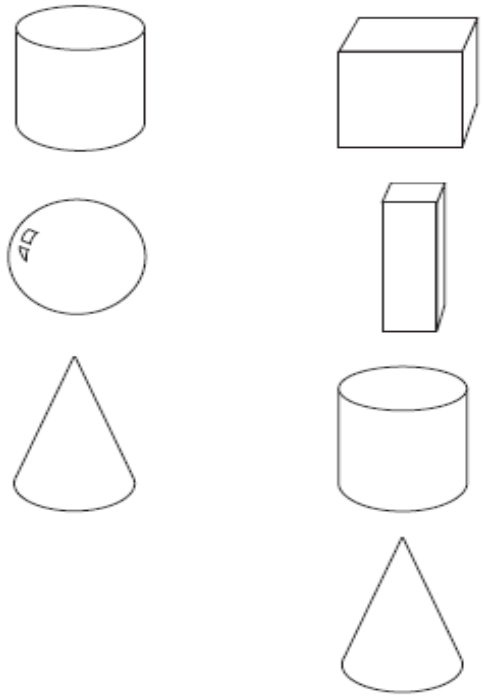
3. _____ 13 ---------- 15 _____

4. _____ 29 ---------- 31 _____

Geometry

Circle the shapes that are used to make the sandcastle. Color in the sandcastle for fun!





Web Links

- Thinking Blocks for addition and subtraction problem solving http://www.mathplayground.com/ThinkingBlocks/thinking_blocks_modeling%20_tool.html
- EduPlace Brain Teasers http://www.eduplace.com/kids/mw/bt/bt_k.html

Summer Math Program
Entering First Grade
Week 4

Fast Facts

See how many you can do in one minute!

8	4	6	9	7	6	3
+ 3	+ 4	+ 1	+ 3	+ 2	+ 6	+ 5

5	7	8	5	8	4	9
- 2	- 3	- 5	- 0	- 4	- 1	- 7

Counting Practice

Count out loud the following ways:

1. To 100 by ones
2. To 30 by twos
3. To 50 by fives
4. To 100 by tens

Web Links

- Jet Ski Addition
  http://www.mathplayground.com/ASB_JetSkiAddition.html
- At home activities from EduPlace
  http://www.eduplace.com/parents/mw/activities/aah_k.html

Calendar Work

Directions: Write the missing dates. Then circle each Tuesday. Put an X on the tenth, twentieth, and thirtieth days. Underline the day between the twenty first and the twenty third.

March						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2		4	5	
7	8		10	11		13
14		16	17		19	20
	22		24	25		27
28		30				

Summer Math Program
Entering First Grade
Week 5

Fast Facts

See how many you can do in one minute!

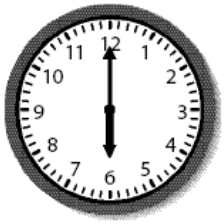
3 + 4	2 + 1	4 + 2	2 + 5	5 + 0	7 + 2	3 + 3
6 - 4	2 - 0	5 - 1	7 - 5	4 - 2	3 - 3	1 - 0

Time for Time

Read the clock. Write the time two ways.

1.  4 :00

4 o'clock

2.  :

_____ o'clock

3.  :

_____ o'clock

4.  :

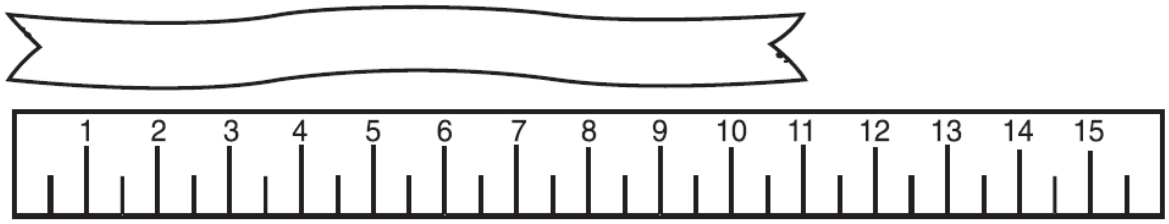
_____ o'clock

Measuring Length

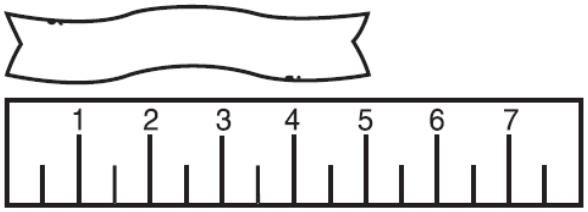
Measurement: Length in Centimeters (II)

Name_____ Date_____

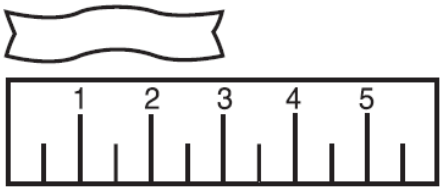
Write the number of centimeters.

1. 

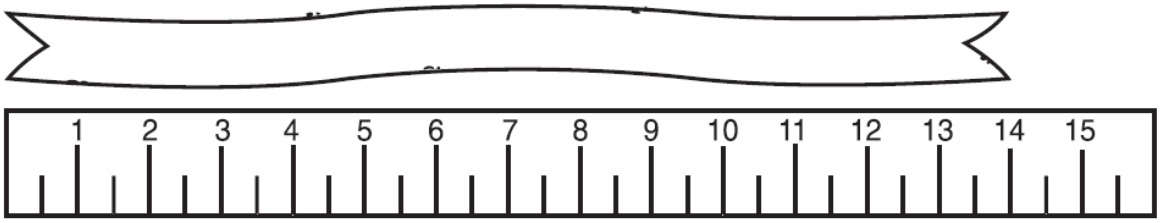
_____ centimeters

2. 

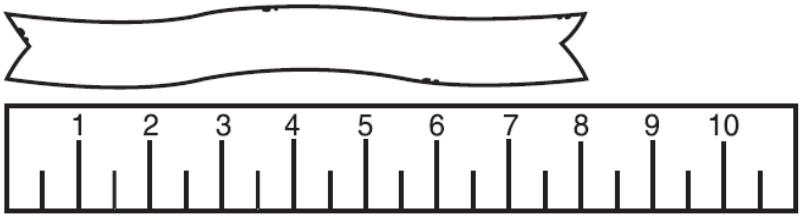
_____ centimeters

3. 

_____ centimeters

4. 

_____ centimeters

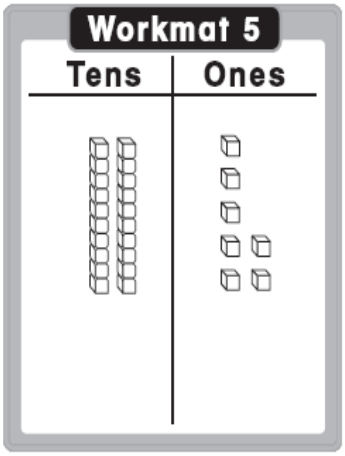
5. 

_____ centimeters

Place Value

Show and write the tens and the ones.

Write the number.

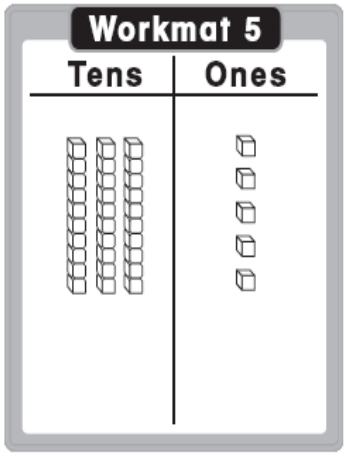
1. 

2 tens

7 ones

27

twenty-seven

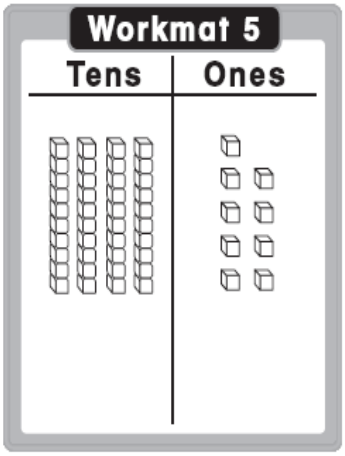
2. 

_____ tens

_____ ones

_____

thirty-five

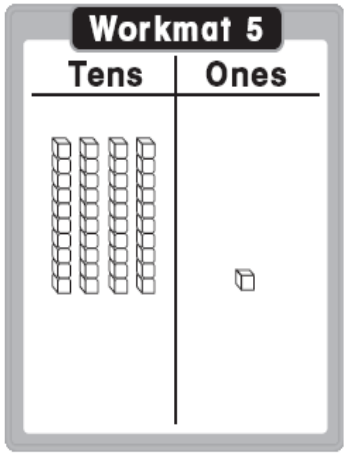
3. 

_____ tens

_____ ones

_____

forty-nine

4. 

_____ tens

_____ ones

_____

forty-one

Web Links

- Kitten Match
  http://www.mathplayground.com/ASB_KittenMatch.html
- Extra Practice for Number Concepts, Operations, and Graphing
  http://www.eduplace.com/kids/mw/practice/1/ep1_01.html

Summer Math Program
Entering First Grade
Week 6

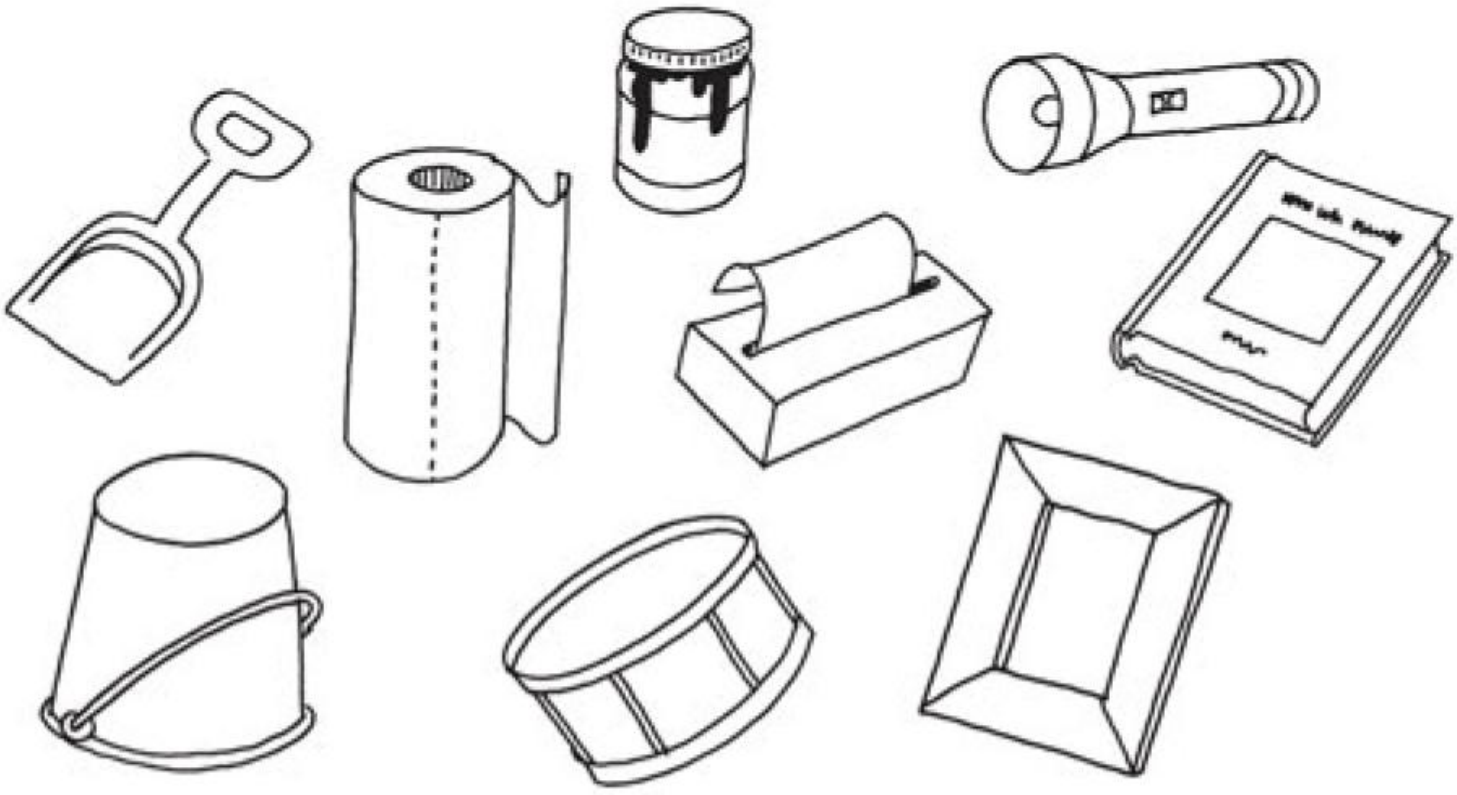
Fast Facts

See how many you can do in one minute!

7 + 2	4 + 3	1 + 8	4 + 5	5 + 3	0 + 2	4 + 4
6 - 5	2 - 2	4 - 2	5 - 5	4 - 0	5 - 3	9 - 5

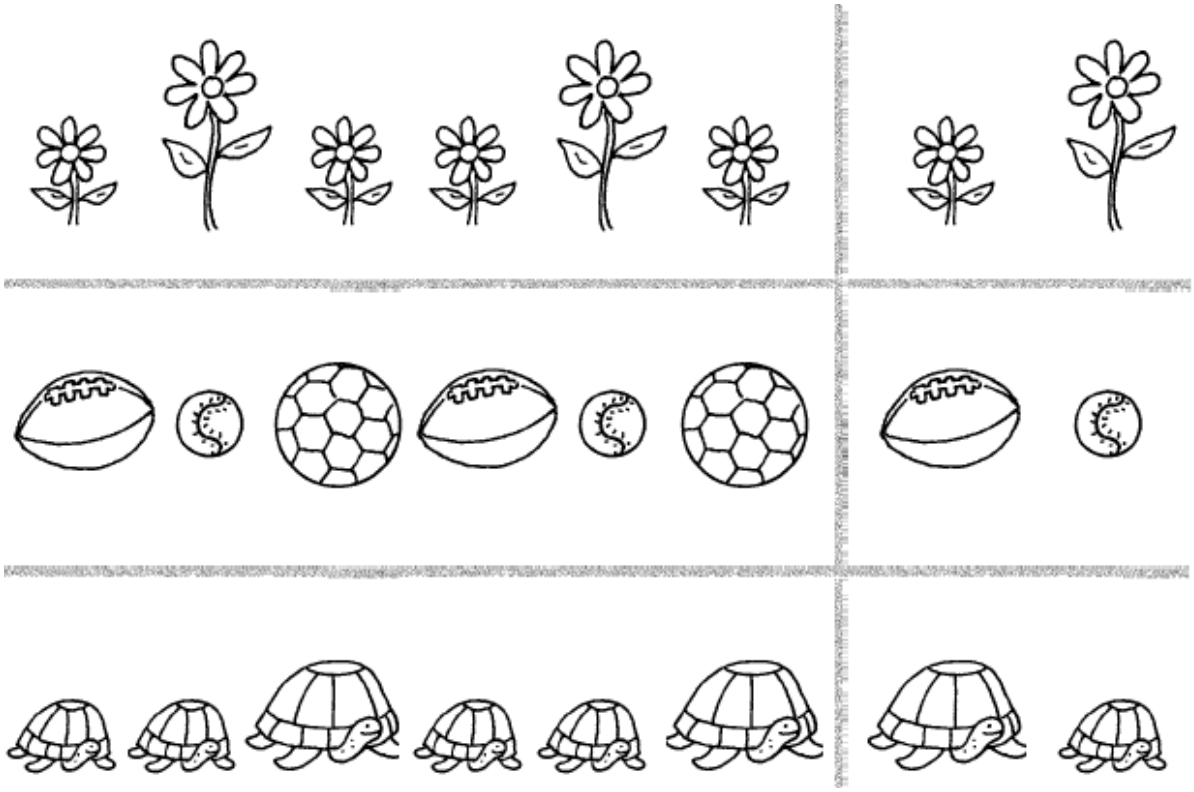
Super Shapes!

Color the objects with a circular surface red. Color the objects with a rectangular surface blue.



Patterns

Circle the shape that comes next in the pattern.



Number Creations

Write down as many ways to get 10 that you can. Use the star counters to help. An example is given.

7 + 3 = 10

_____ + _____ = 10 _____ + _____ = 10

_____ + _____ = 10 _____ + _____ = 10

_____ + _____ = 10 _____ + _____ = 10

_____ + _____ = 10 _____ + _____ = 10

_____ + _____ = 10 _____ + _____ = 10

Web Links

- Pattern Blocks
  http://www.mathplayground.com/patternblocks.html
- Extra Practice for addition and subtraction facts through 10
  http://www.eduplace.com/kids/mw/practice/1/ep1_02.html

Exciting Extras

The following resources are to help your mathematician with fractions and math fluency. Please use the fraction strips (last page) to compare fractions (e.g., $\frac{3}{4}$ is bigger than $\frac{1}{2}$ but smaller than 5/6), find equivalent fractions (e.g., 5/10 is equal to $\frac{1}{2}$ which is equal to 3/6), and for familiarity with how big or little fractions are relative to one whole. The link below takes you to a website for age-appropriate flashcards you can print and use to practice math fluency. Enjoy!!

http://www.helpingwithmath.com/resources/oth_flashcards.htm

Fraction Strips

1 Whole											
$\frac{1}{2}$											$\frac{1}{2}$
$\frac{1}{3}$										$\frac{1}{3}$	$\frac{1}{3}$
$\frac{1}{4}$									$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
$\frac{1}{5}$								$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$
$\frac{1}{6}$							$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$
$\frac{1}{8}$						$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$
$\frac{1}{10}$					$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$
$\frac{1}{12}$				$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$

Summer Math Program
Entering First Grade
Week 7

Fast Facts

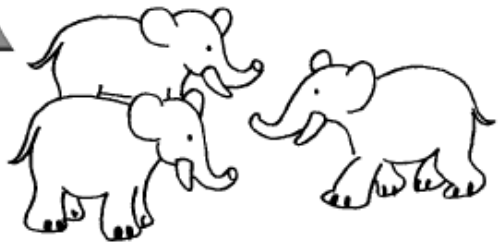
See how many you can do in one minute!

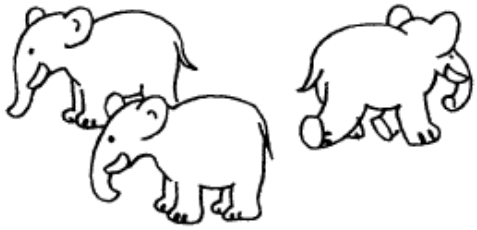
9 + 0	6 + 4	3 + 2	7 + 5	5 + 4	10 + 2	6 + 1
7 - 3	8 - 4	10 - 6	9 - 1	6 - 3	1 - 0	4 - 2

Addition and Subtraction Sentences

Write (or finish) an addition sentence or a subtraction sentence for the pictures shown.

1

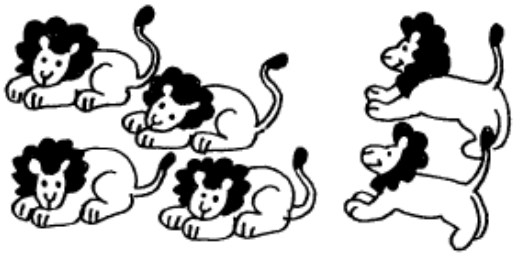


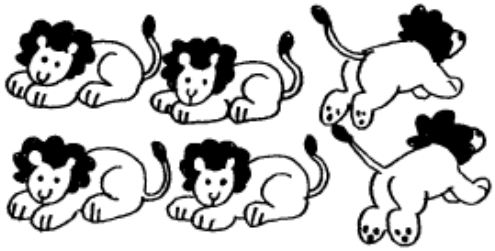


2 + ____ = 3

3 - ____ = 2

2





____ + ____ = ____

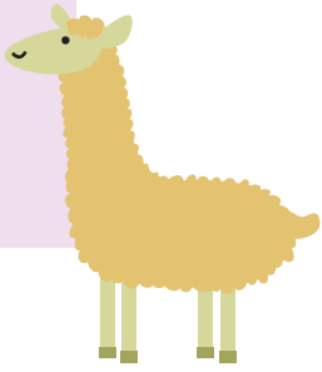
____ - ____ = ____

Place Value Practice

Lacy's Place Value

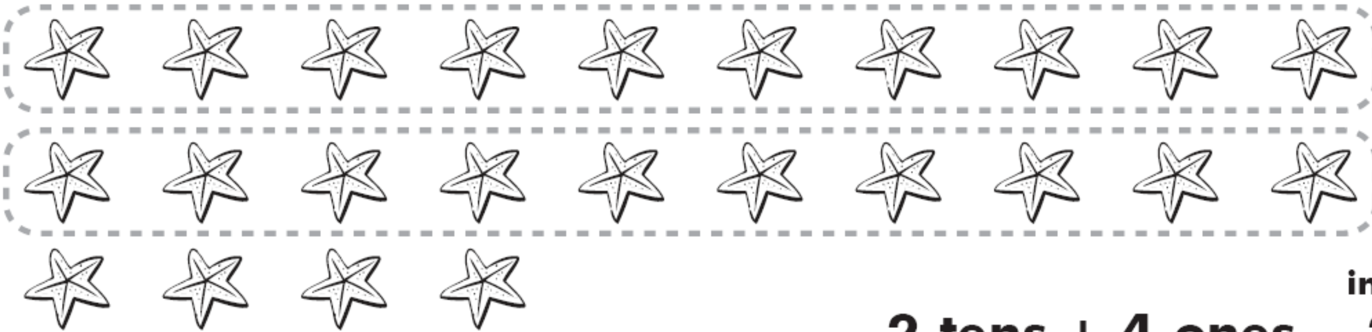
Lacy the Llama is having a hard time figuring out **tens** from **ones**. Help her by writing each digit in the correct **place value** column.

	tens	ones
46	_____	_____
72	_____	_____
54	_____	_____
83	_____	_____
18	_____	_____
61	_____	_____
39	_____	_____
25	_____	_____



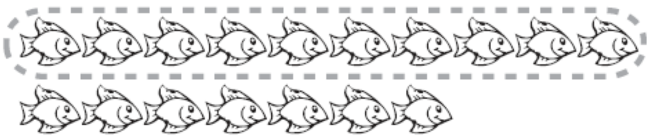
Created by : education.com
www.education.com/worksheets

Circle the groups of ten. Write how many tens and ones. Then, write how many in all.



in all

2 tens + 4 ones = 24



in all

____ tens + ____ ones = ____

in all

____ tens + ____ ones = ____

in all

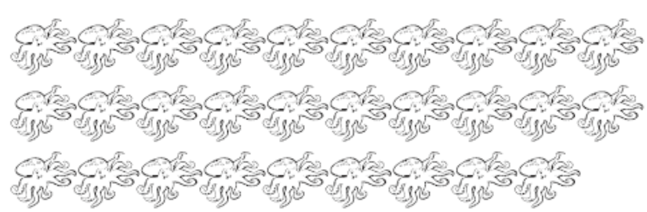
____ tens + ____ ones = ____

in all

____ tens + ____ ones = ____

in all

____ tens + ____ ones = ____



in all

____ tens + ____ ones = ____

Web Links

- Math Fact Practice!
  http://www.playkidsgames.com/games/mathfact/mathFact.htm
- e-learning For Kids
  http://www.e-learningforkids.org/courses.html#math

Summer Math Program
Entering First Grade
Week 8

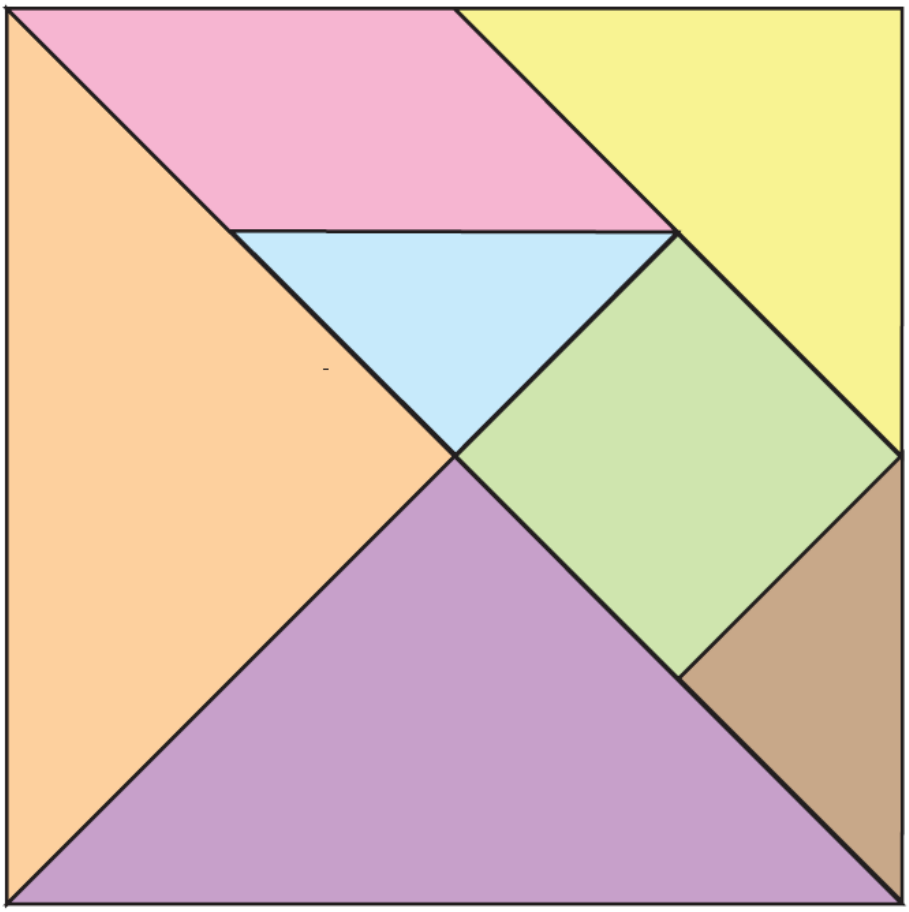
Fast Facts

See how many you can do in one minute!

4	6	8	5	8	2	9
+ 9	+ 2	+ 3	+ 5	- 2	- 2	+ 6
4	1	7	8	9	4	5
+ 6	- 1	+ 8	+ 3	+ 3	+ 4	+ 7

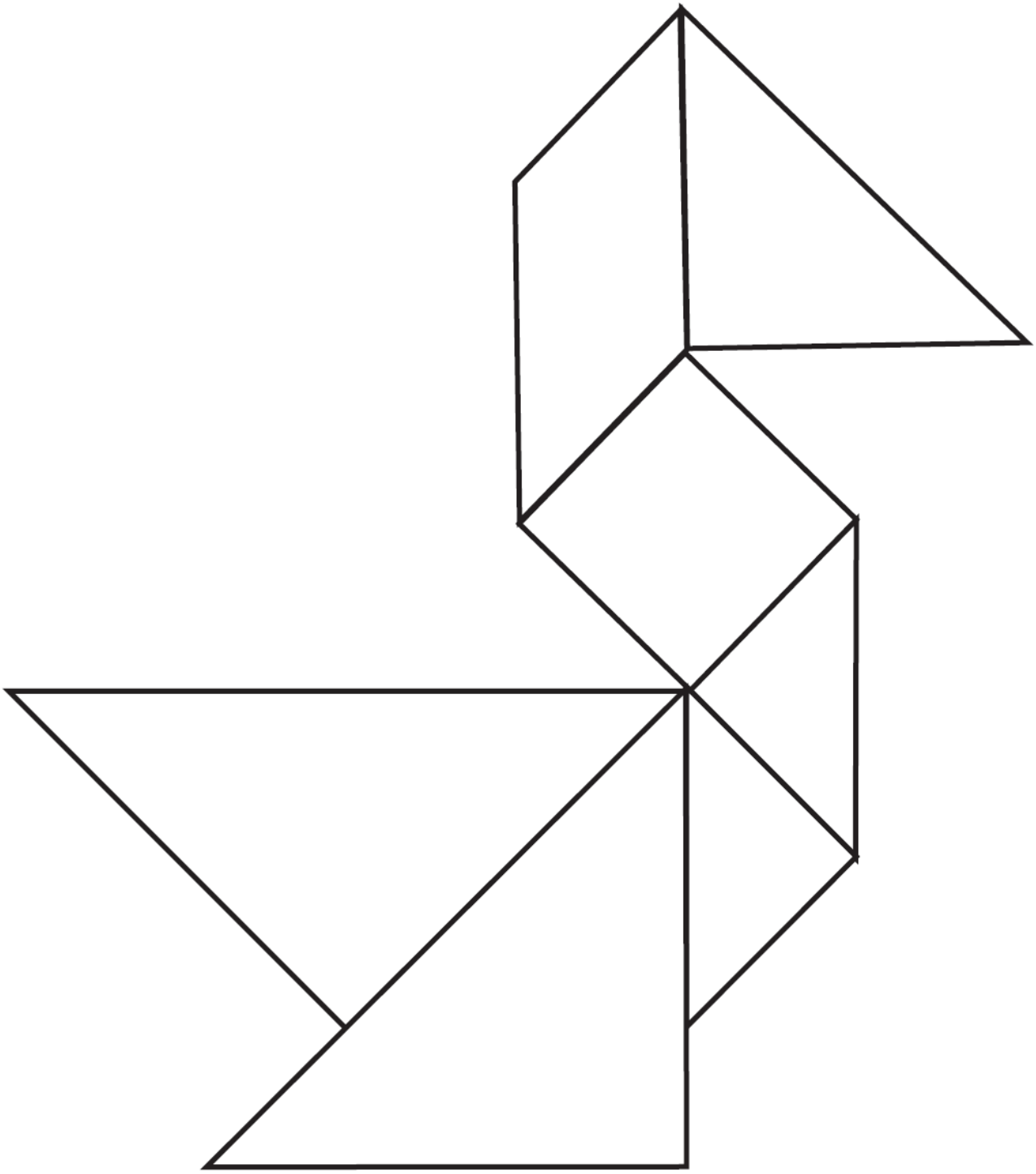
Tangrams

Cut out the following Tangram shapes. Use the pieces to create the puzzle on the next page. Then see if you can make your own shapes using all the tangram pieces.



TANGRAMS BEGINNERS

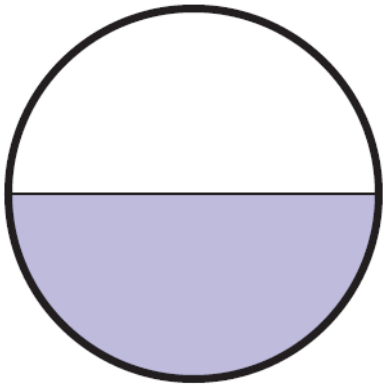
Pattern Card

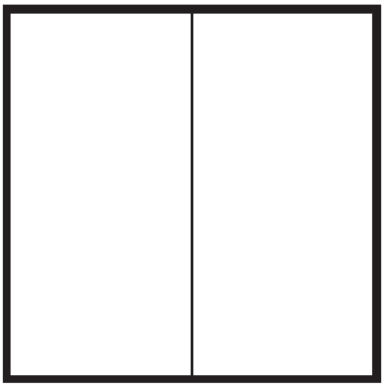


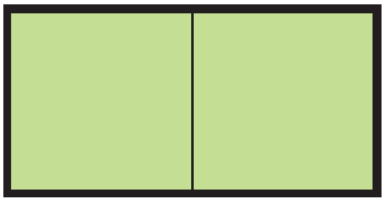
Ask your child to recreate this picture using all seven pattern pieces

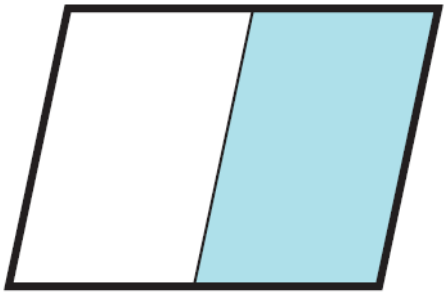
FRACTION ACTION!

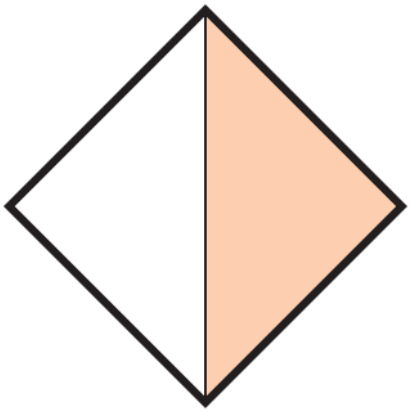
Circle the shapes below that show **1/2**.



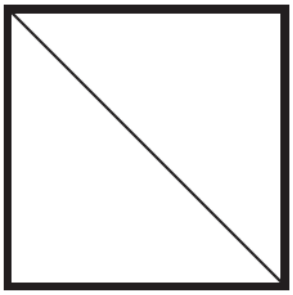


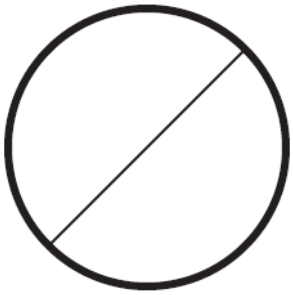


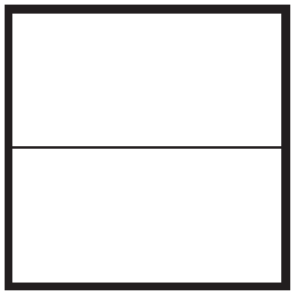




Color one part of each shape below to make **1/2**.







Web Links

- Base 10 Bingo
  http://www.abcya.com/base_ten_bingo.htm
- Kid Port - Money
  http://www.kidport.com/Grade1/Math/lcenter/money.htm

Summer Math Program
Entering First Grade
Week 9

Fast Facts

See how many you can do in one minute!

6	5	5	2	6	3	6
+ 7	+ 3	- 4	- 1	+ 5	+ 5	- 1
7	6	3	5	4	6	3
+ 5	- 4	+ 8	+ 2	- 1	+ 5	+ 5

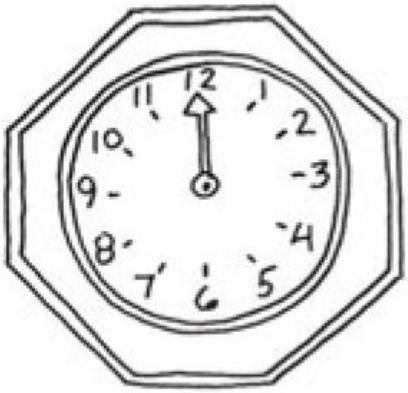
Time for Time

Circle the event in each set that takes the longest amount of time to complete.

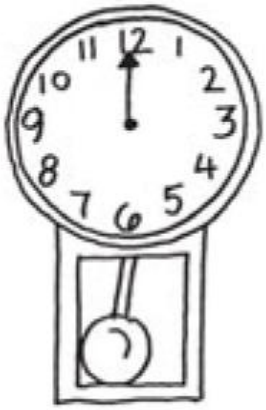
Draw the hour hand on each clock to show the time.

2:00

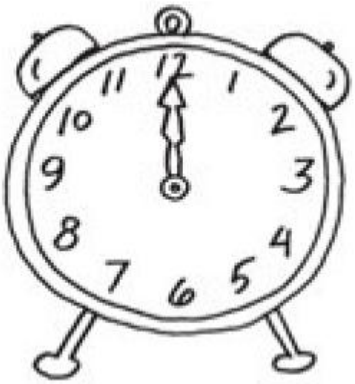
10:00



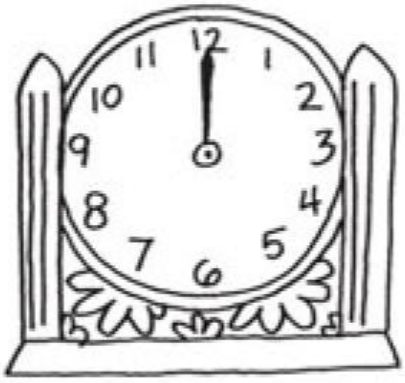
5:00



7:00



11:00



3:00

Write the time you usually do the following activities:

1. Go to bed at night _____

2. Eat breakfast _____

3. Brush your teeth _____ _____

4. Wake up _____

Web Links

- Robo Packer
  http://www.eduplace.com/kids/mw/swfs/robopacker_grade1_p.html
- Minus Mission
  http://www.mathplayground.com/ASB_MinusMission.html

Summer Math Program
Entering First Grade
Week 10

Fast Facts

See how many you can do in one minute!

8	4	6	8	7	1	9
- 6	+ 8	+ 5	+ 4	- 6	+ 9	+ 3
7	2	5	9	1	6	9
+ 7	+ 2	- 5	+ 1	+ 9	+ 2	+ 6

Make My Own Patterns

Make patterns for each of the following directions:

1. Pattern of two colors

2. Pattern of three numbers

3. Pattern of two shapes

4. Pattern of your own choice

Count the Coins!

Count each kind of coin and write how many there are.

How Many Pennies? _____

How Many Nickels? _____

How Many Dimes? _____

How Many Quarters? _____

Web Links

- Cool Math
  http://www.coolmath.com/
- Primary Games
  http://www.primarygames.com/math.php