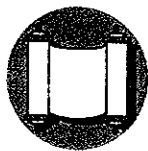
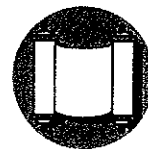


Summer Math Packet

Children Entering Grade 2



Hebrew Academy of Long Beach



June 2011

Dear Parents,

In order to succeed at mastering a skill, a person must practice. For example, both musicians and athletes practice on a regular basis. The same is true for a student. Although students need and deserve some "down time," a great deal of information can be forgotten during the summer.

By fostering a positive approach to the completion of this math packet, you will help your child learn and retain important math skills and concepts. Your cooperation in assuring that the summer work is completed will contribute to your child's future success in school.

This year's summer math program consists of a packet of materials. This packet was created to align with the math curriculum taught during the school year. The packet provides additional practice in math during the summer. There are between 15 and 20 key topics that will be addressed in the packet. The problems are set up to review, maintain and deepen the skills and concepts learned this year.

Each student is **required** to complete the green pages in the packet. These pages are meant to assess each student's ability to apply the concepts that have been learned. When a child has difficulty with a concept while working on a green page, he/she can refer to the blue pages that correspond with the topic in question. The blue pages can also serve as additional review if you feel that your child would benefit from it. They are **not required**. The gold pages will serve as enrichment for the students who seek a challenge throughout the summer. Finally, the pink pages are basic-fact sheets. Many of our students have difficulty remembering their number facts. As a result, other topics that relate to these facts become problematic for them. You may want to use these sheets as mental math reviews or set a timer and have your child work to correctly solve as many problems within 3 minutes as he/she can.

Thank you for your support. We are looking forward to an exciting and enriching year with your child. Enjoy the summer!

Sincerely,

Angela Monda and Gail Rusgo
Directors of General Studies

REQUIRED MATH WORK
GREEN PAGES

Name _____

Practice
3-5

Stories About Joining

Solve. Write an addition sentence.

1. 5 children are reading books.
Then 3 more children join them.

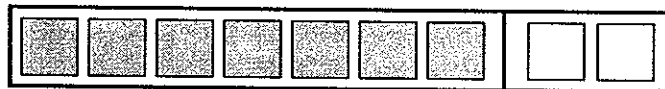
How many children are reading books now?



$$\underline{5} + \underline{3} = \underline{8}$$

2. 7 children are running.
Then 2 more children join them.

How many children are running now?



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

3. 3 frogs are in the pond.
Then 3 more frogs join them.

How many frogs are in the pond now?



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

Algebra

4. Which number makes the addition sentence true?

$$5 + \underline{\quad} = 7$$

1
Ⓐ

2
Ⓑ

3
Ⓒ

6
Ⓓ

Name _____

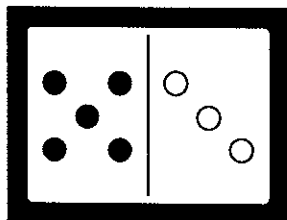
Practice

3-4

Introducing Addition Number Sentences

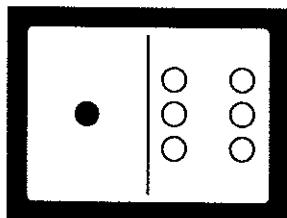
Use the picture. Write an addition sentence.

1.



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

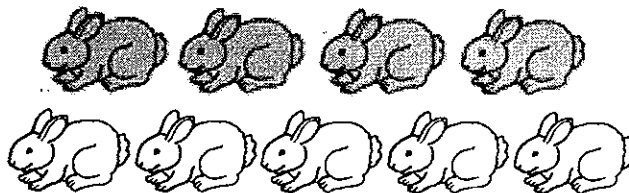
2.



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

Visual Thinking

3. Which addition sentence goes with the question?
Fill in the correct bubble.



There are 4 brown rabbits in the garden.

There are 5 white rabbits.

How many rabbits are there in all?

- (A) $4 + 5 = 9$
- (B) $2 + 7 = 9$
- (C) $4 + 4 = 8$
- (D) $4 + 1 = 5$

Practice 3-4

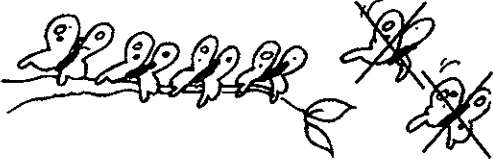
Name _____


Practice

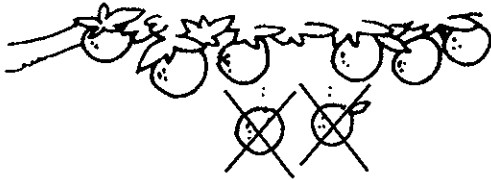
4-4


Introducing Subtraction Number Sentences

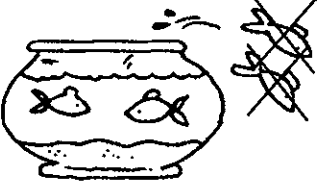
Write a subtraction sentence.


1. 
6 - 2 = 4

2. 
.....
.....

3. 
.....
.....

4. 
.....
.....

5. 
.....
.....

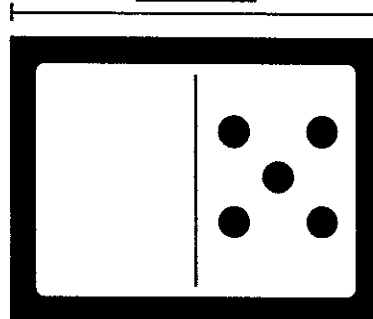
6. 
.....
.....

Number Sense

7. Draw the missing dots.
Which subtraction sentence
tells about the model?

- (A) $9 - 2 = 7$
- (B) $9 - 5 = 4$
- (C) $9 - 6 = 3$
- (D) $5 - 4 = 1$

9

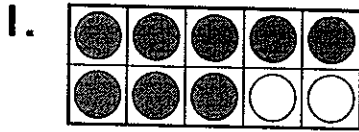


Name _____

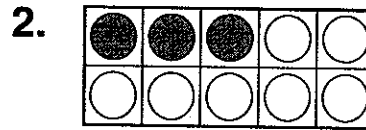
Practice
5-3

Parts of 10

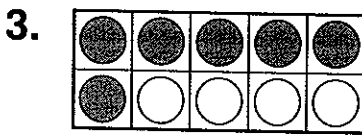
Write the numbers that show ways to make 10.



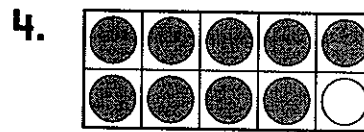
10 is 8 and 2



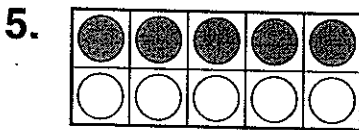
10 is _____ and _____



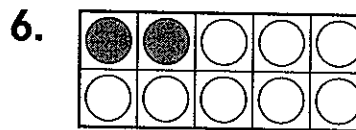
10 is _____ and _____



10 is _____ and _____



10 is _____ and _____



10 is _____ and _____

Number Sense

7. Which numbers are parts of 10?

- (A) 1 and 8
- (B) 4 and 5
- (C) 7 and 3
- (D) 9 and 2

Name _____

Practice
6-3

Near Doubles

Add.

1.
$$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$$

5

2.
$$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 1 \\ + 0 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 1 \\ + \square \\ \hline 3 \end{array}$$

6.
$$\begin{array}{r} 5 \\ + \square \\ \hline 11 \end{array}$$

7. $4 + \square = 7$

8. $5 = \square + 3$

Journal

9. How does knowing the double $6 + 6 = 12$ help you solve the near double $6 + 7 = 13$?

Name _____

Practice

6-6

Problem Solving: Draw a Picture and Write a Number Sentence

Draw a picture. Write a number sentence.

1. Dean has 6 stamps.
He gets 5 more stamps.
How many stamps does
he have in all?

_____ + _____ = _____ stamps

2. Jan picks 8 red apples.
Then she picks 4 yellow apples.
How many apples does
Jan pick in all?

_____ + _____ = _____ apples

Number Sense

3. Which number sentence
matches the picture?



- (A) $5 - 4 = 1$
(B) $4 + 5 = 9$
(C) $3 + 6 = 9$
(D) $5 + 5 = 10$

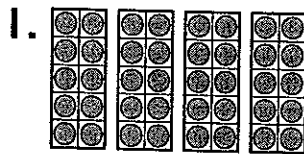
Name _____

Practice
10-3

Counting by 10s to 100

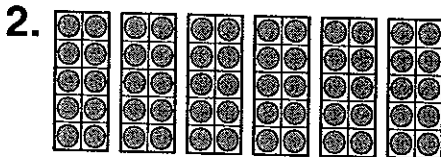
10, ten,	20, twenty,	30, thirty,	40, forty,	50, fifty,
60, sixty,	70, seventy,	80, eighty,	90, ninety,	100, one hundred

Count by tens. Then write the numbers.

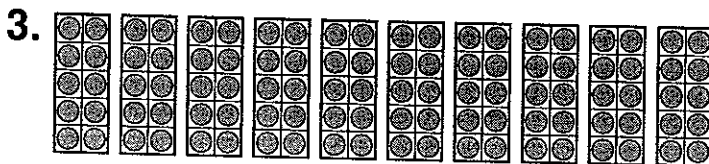


4 tens = 40

forty



_____ tens = _____



_____ tens = _____

Journal

4. Laura wants to show 70 in tens.
How many tens will she draw?
How do you know?

Practice 10-3

Name _____

Practice
10-5

Using Skip Counting

Use the picture to skip count.

1. How many ears are there?

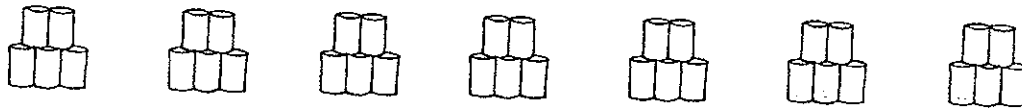
Count by twos.



2, _____, _____, _____, _____, _____, _____

2. How many cans are there?

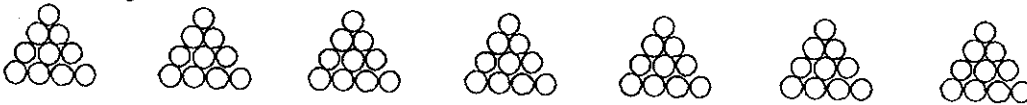
Count by fives.



_____, _____, _____, _____, _____, _____, _____

3. How many balls are there?

Count by tens.



_____, _____, _____, _____, _____, _____, _____

Algebra

4. Look for a pattern.

Find the missing number.

75, 70, 65, 60, 55, 50, _____

- (A) 30 (C) 40
(B) 35 (D) 45

Number Sense

5. Cal has 8 bags.

He puts 5 marbles in each bag. How many marbles does Cal have in all?

- (A) 3 (C) 20
(B) 13 (D) 40

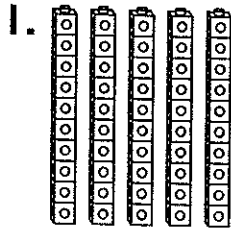
Name _____

Practice
11-2

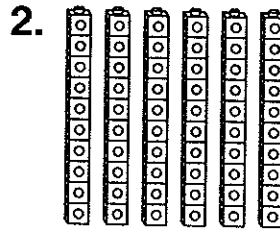
Numbers Made with Tens

Count by 10s.

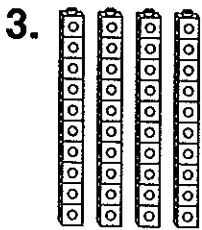
Write the numbers.



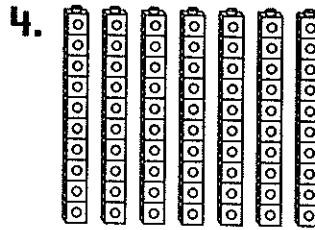
_____ tens is _____.



_____ tens is _____.



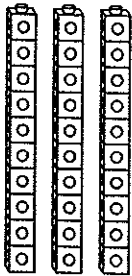
_____ tens is _____.



_____ tens is _____.

Reasonableness

5. What number is shown?



- (A) 3
- (B) 10
- (C) 12
- (D) 30

Algebra

6. Nancy has 50 marbles.
30 of the marbles are in
one bag.
The rest are in another bag.
How many marbles are in
the second bag?

- (A) 40
- (B) 30
- (C) 20
- (D) 10

Practice 11-2

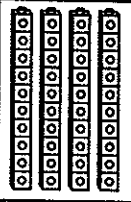

Name _____

Practice
11-3

Tens and Ones

Count the tens and ones. Then write the numbers.

1.

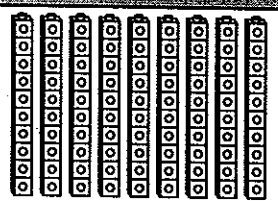

Tens	Ones
	

→

Tens	Ones
4	5

→
45

2.

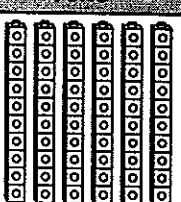

Tens	Ones
	

→

Tens	Ones

→

3.

Tens	Ones
	

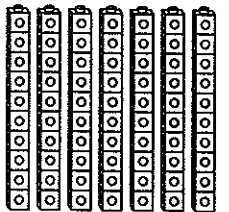

→

Tens	Ones

→

Estimation

4. About how many cubes are shown in the picture?

Tens	Ones
	

70
(A)

50
(B)

30
(C)

10
(D)

Practice 11-3

Name _____

Practice
12-3

Comparing Numbers with $>$, $<$, $=$

Write $>$, $<$, or $=$.

1. 43  52

2. 17  16

3. 48  58

4. 29  86

5. 31  31

6. 92  57

7. 65  37

8. 27  27

9. 45  50

10. 59  41

11. 35  53

12. 21  12

Practice 12-3

Number Sense

13. Which sentence is true?

$38 < 30$

(A)

$38 > 30$

(B)

$38 = 30$

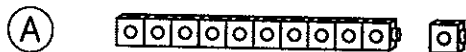
(C)

$30 > 38$

(D)

Reasoning

14. Which is equal to 13?

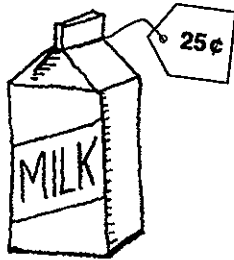


Name _____

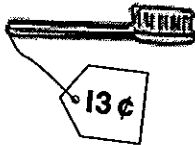
Values of Penny, Nickel, and Dime

Circle the coins you could use to buy each item.

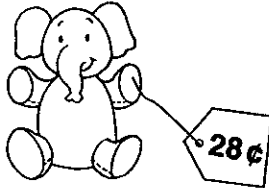
1.



2.



3.



Journal

4. An apple costs 7¢. An orange costs 8¢.
A banana costs 9¢. You have 2 dimes.
Which 2 pieces of fruit could you buy?

_____ and _____

How much money would you have left?

_____¢

Name _____

Practice
13-3

Value of Quarter

Circle the coins that equal 25¢.

1.



2.



3.



4.



5.



Practice 13-3

Number Sense

6. Kate has 25¢ in her purse.
Which coins does she have?

- (A)
- (B)
- (C)
- (D)

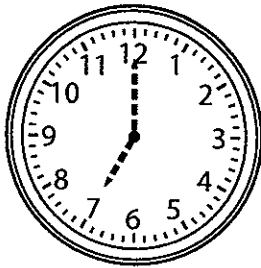
Name _____

Practice
15-1

Understanding the Hour and Minute Hands

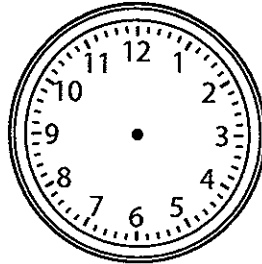
Draw an hour hand and a minute hand to show each time.

1.



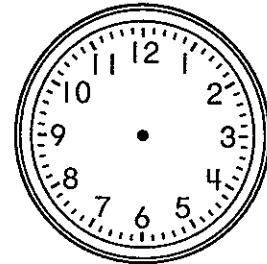
7 o'clock

2.



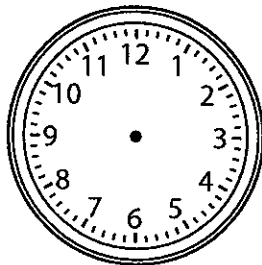
10 o'clock

3.



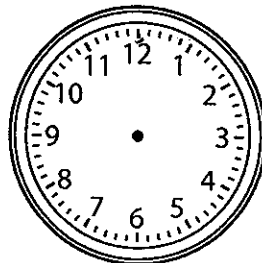
2 o'clock

4.



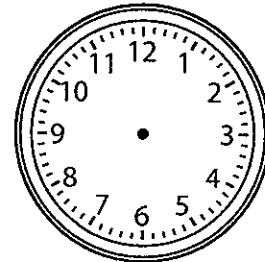
1 o'clock

5.



8 o'clock

6.



11 o'clock

Algebra

7. Mark the missing time.

2 o'clock, _____, 4 o'clock

- (A) 1 o'clock
- (B) 3 o'clock
- (C) 5 o'clock
- (D) 9 o'clock

8. Mark the missing time.

4 o'clock, _____, 6 o'clock

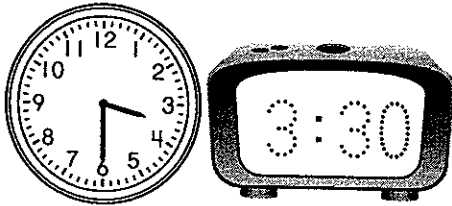
- (A) 10 o'clock
- (B) 5 o'clock
- (C) 3 o'clock
- (D) 2 o'clock

Name _____

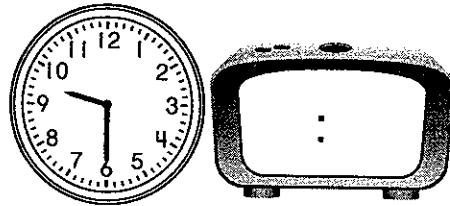
Telling and Writing Time to the Half Hour

Write the time shown on each clock.

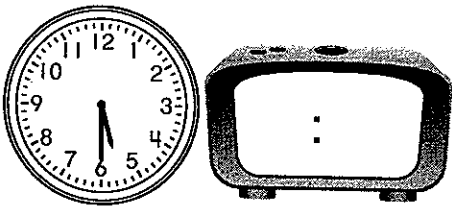
1.



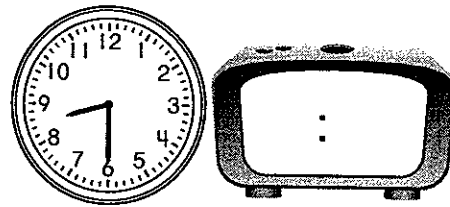
2.



3.

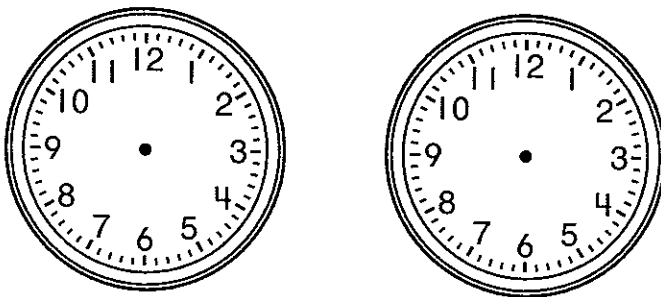


4.



Journal

5. Show 3:00 on the first clock.
On the second clock, show the time
30 minutes later.
Is the hour hand still on 3?
Explain.



Name _____

Practice
17-5

Problem Solving: Draw a Picture and Write a Number Sentence

Write a number sentence to solve.

Draw a picture to check your answer.

1. Helen made invitations for her party.
She made 7 invitations on Monday.
She made 6 invitations on Tuesday.
How many invitations
did Helen make in all?

_____ ○ _____ = _____ invitations

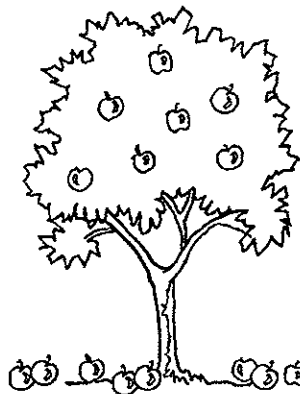
2. Joe started at the bottom
of the stairs.
He hopped up 9 stairs.
Then he hopped down 3 stairs.
How many stairs is Joe
from the bottom?

_____ ○ _____ = _____ stairs

Reasoning

3. Which number sentence
tells how many apples in all?

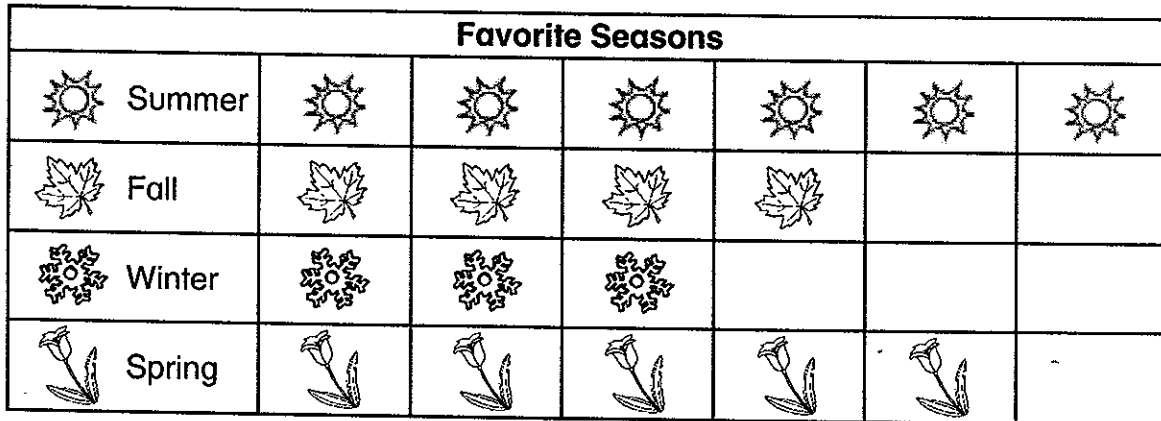
- (A) $8 - 7 = 1$
(B) $8 - 1 = 7$
(C) $7 + 1 = 8$
(D) $7 + 8 = 15$



Name _____

Using Data from Picture Graphs

Use the graph to answer the questions.



1. How many children chose winter? _____
2. Which season is the favorite? _____
3. Which season did 4 children choose? _____

Number Sense

4. How many more children chose summer than spring?

- (A) 11
- (B) 6
- (C) 5
- (D) 1

Reasoning

5. What is the graph about?

- (A) Favorite Subjects
- (B) Summer
- (C) Favorite Seasons
- (D) Fall