



2nd Grade

American Math Homework Week 04/07 - 04/11

Vocabulary Word

Scholars took home the GoMath workbook #8. At the end of the workbook you will find the picture glossary. Please tear, staple, and place the pages inside the green folder. The picture glossary is a good resource to practice the Math vocabulary.

- Expression
- Equation
- Sum
- Difference
- Round
- Estimate/About
- Arrays

A Note From Ms. Varela

Students need the iPad charged daily. We will be completing STAR Math practice tests weekly.

This week we begin "Getting Ready for 3rd Grade."

Our scholars will be preparing for the FAST STAR Math assessment scheduled for May 12th-16th. Please ensure your child completes the homework assignments each night. Consistent practice will make a big difference in their confidence and performance.

Scholars have extra resources available to practice:

- ❖ Freckle: Assigned lessons and/or Focus Skills
- ❖ IXL Diagnostic Recommended lessons
- ❖ FAST Test Sample Questions extra resources is available in Archie under the resources tab.

Homework

The homework is due Monday, April 14th.

Monday	IXL 6ST Round to the nearest ten or hundred using a number line Lessons: 1, 2, and 3
Tuesday	IXL MTL Estimate sums and differences by rounding: up to 1,000 Lesson 4 and 5
Wednesday	IXL PPR Make arrays to model multiplication Lesson 6 and 7
Thursday	IXL GGC Relate addition and multiplication for equal groups Lesson 8 and 9
Friday	IXL P74 Relate addition and multiplication Lesson 10 and 11

Find Sums on an Addition Table

1. Write the missing sums in the addition table.

+	0	1	2	3	4	5	6	7	8	9	10
0	0	1	2	3	4	5	6	7	8		10
1	1	2	3	4	5	6	7	8		10	11
2	2	3	4	5	6	7	8		10	11	
3	3	4	5	6	7	8		10	11		13
4	4	5	6	7	8		10	11		13	14
5	5	6	7	8		10	11		13	14	
6	6	7	8		10	11		13	14		16
7	7	8		10	11		13	14		16	17
8	8		10	11		13	14		16	17	18
9		10	11		13	14		16	17	18	19
10	10	11		13	14		16	17	18	19	20

Problem Solving

Solve. Write or draw to explain.

2. Marvin finds doubles facts, such as $4 + 4$ and $1 + 1$, on the addition table. He colors each sum.

What pattern does Marvin make when he colors the sums of the doubles facts?

Estimate Sums: 2-Digit Addition

**Find the nearest ten for each number.
Add the tens to estimate.**

1. Estimate the sum of $21 + 17$.



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

An estimate of the sum is _____.

2. Estimate the sum of $32 + 49$.



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

An estimate of the sum is _____.

Problem Solving

Solve. Write or draw to explain.

3. Taryn had 38 marbles. Her sister gave her 29 more marbles. Estimate the number of marbles Taryn has now.

about _____ marbles

Estimate Sums: 3-Digit Addition

**Find the nearest hundred for each number.
Add the hundreds to estimate.**

1. Estimate the sum of $332 + 459$.



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

An estimate of the sum is _____

2. Estimate the sum of $295 + 198$.



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

An estimate of the sum is _____

Problem Solving

Solve. Write or draw to explain.

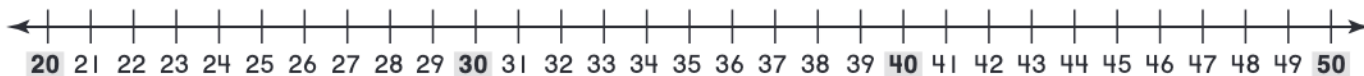
3. Anja collected shells at the beach. She has 377 shells in a box and 219 shells in a pail. Estimate the number of shells Anja has in all.

about _____ shells

Estimate Differences: 2-Digit Subtraction

**Find the nearest ten for each number.
Subtract the tens to estimate.**

1. Estimate the difference of $48 - 21$.



$$\underline{\quad\quad} - \underline{\quad\quad} = \underline{\quad\quad}$$

An estimate of the difference is _____.

2. Estimate the difference of $51 - 38$.



$$\underline{\quad\quad} - \underline{\quad\quad} = \underline{\quad\quad}$$

An estimate of the difference is _____.

Problem Solving

Solve. Write or draw to explain.

3. Hannah's class collected 37 bottles and 16 cans to recycle. About how many more bottles than cans did the class collect?

about _____ more bottles

Estimate Differences: 3-Digit Subtraction

Find the nearest hundred for each number.
Subtract the hundreds to estimate.

1. Estimate the difference of $386 - 235$.



$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

An estimate of the difference is _____.

2. Estimate the difference of $790 - 674$.



$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

An estimate of the difference is _____.

Problem Solving

Solve. Write or draw to explain.

3. Max wants to have 425 baseball cards.
He has 318 baseball cards right now. About
how many more cards does he need to get?

about _____ more cards

Name _____

Equal Groups of 2**Complete the sentence to show how many in all.**

- 1.
- 

_____ groups of _____ is _____ in all.

- 2.
- 

_____ groups of _____ is _____ in all.

- 3.
- 

_____ groups of _____ is _____ in all.

- 4.
- 

_____ groups of _____ is _____ in all.

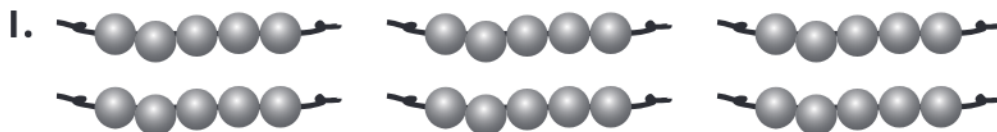
Problem Solving**Solve.** Write or draw to explain.

- 5.**
- Paula puts 2 stuffed animals on each shelf. She has 5 shelves.
-
- How many stuffed animals does she put on her shelves?

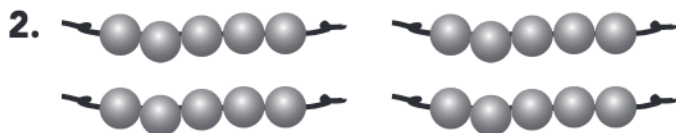
_____ stuffed animals

Equal Groups of 5

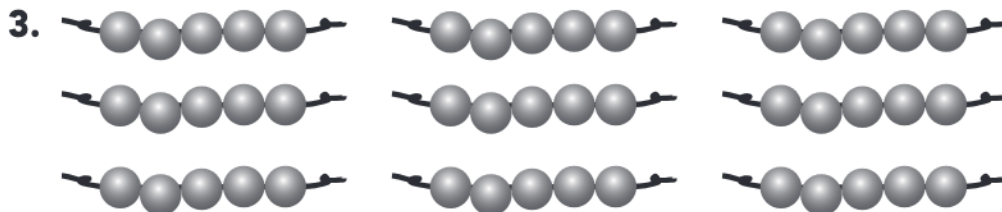
Complete the sentence to show how many in all.



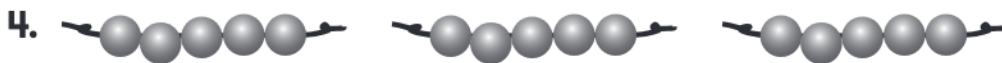
_____ groups of _____ is _____ in all.



_____ groups of _____ is _____ in all.



_____ groups of _____ is _____ in all.



_____ groups of _____ is _____ in all.

Problem Solving

Solve. Write or draw to explain.

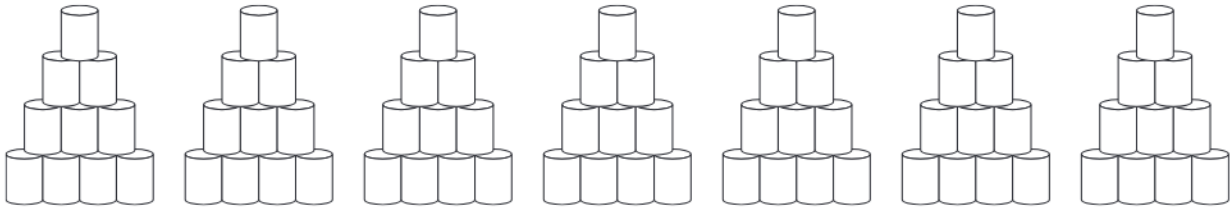
- 5.** Mr. Peters buys markers in boxes of 5. He buys 5 boxes. How many markers does Mr. Peters buy?

_____ markers

Equal Groups of 10

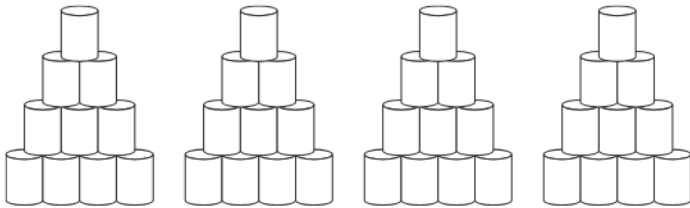
Complete the sentence to show how many in all.

1.



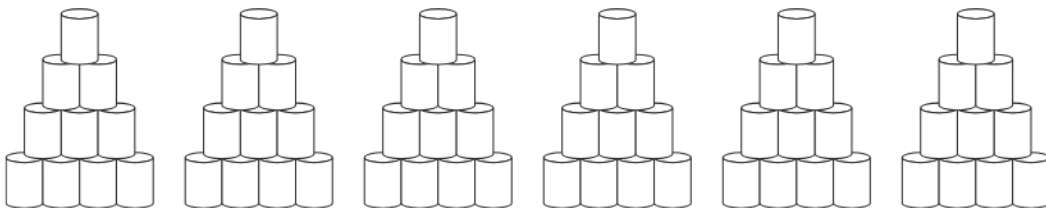
_____ groups of _____ is _____ in all.

2.



_____ groups of _____ is _____ in all.

3.



_____ groups of _____ is _____ in all.

Problem Solving

Solve. Write or draw to explain.

- 4.** Mrs. Andrews buys cheese sticks in packages of 10. She buys 3 packages. How many cheese sticks does Mrs. Andrews buy?

_____ cheese sticks

Name _____

HANDS ON
Lesson 4

Size of Shares

Use counters. Draw to show your work.
Write how many in each group.

1. Place 8 counters in 2 equal groups.

_____ counters in each group

2. Place 12 counters in 4 equal groups.

_____ counters in each group

3. Place 15 counters in 3 equal groups.

_____ counters in each group

Problem Solving



Solve. Draw to show your work.

4. Lisa divides 12 flowers between 2 vases.
She wants to have 8 flowers in each
vase. How many more flowers does
she need?

_____ more flowers

Number of Equal Shares

**Use counters. Draw to show your work.
Write how many groups.**

1. Place 6 counters in groups of 2.

_____ groups

2. Place 16 counters in groups of 4.

_____ groups

3. Place 12 counters in groups of 3.

_____ groups

Problem Solving



Solve. Draw to show your work.

4. Maria has 18 flowers. Each vase holds 3 flowers. How many vases can she fill?

_____ vases

Solve Problems with Equal Shares**Solve. Draw or write to show what you did.**

1. There are 3 pizzas. Each pizza has 10 slices. How many slices of pizza are there in all?

_____ slices

2. Mrs. Jensen can pack 2 sandwiches in a plastic bag. How many plastic bags will Mrs. Jensen need if she makes 8 sandwiches?

_____ plastic bags

Problem Solving**Solve. Draw to show your work.**

3. Each player has 5 game cards. How many game cards do 3 players have?

_____ game cards