

**First Grade Common Core
Math Word Problems**

Operations and Algebraic Thinking 1.OA

Represent and solve problems involving addition and subtraction.

1.OA.1

1. Jen has 8 apples. Pat has 10 apples. How many more apples does Pat have than Jen?

$$8 + \underline{\quad} = 10$$

$$10 - 8 = \underline{\quad}$$

2. Jen has 7 apples. Pat has 10 apples. How many fewer apples does Jen have than Pat?

$$7 + \underline{\quad} = 10$$

$$10 - 7 = \underline{\quad}$$

3. Cat has 3 more apples than Jon. Jon has 4 apples. How many apples does Cat have?

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

4. Cat has 3 fewer apples than Jon. Jon has 4 apples. How many apples does Cat have?

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

5. Sam has 5 more apples than Matt. Sam has 7 apples. How many apples does Sam have?

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

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

6. Ten bunnies were sitting on the grass. Some more bunnies hopped there. Now, there are 12 bunnies on the grass. How many bunnies hopped over there?

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

7. 12 apples are on the table. 5 of them are green and the rest are red. How many apples are red?

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

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

8. 7 red apples and 5 green apples are on the tree. How many apples are on the tree?

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

1.OA.2

1. Mrs. West has 4 oatmeal raisin cookies, 6 chocolate chip cookies, and 5 gingerbread cookies. How many cookies does Mrs. West have?

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

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

2. Mary has 3 green pencils, 4 purple pencils, and 6 yellow pencils. How many pencils does Mary have?

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

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

3. Ben has 9 green toy trucks, 5 red toy trucks, and 4 blue toy trucks. How many toy trucks does Ben have?

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

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

4. Adam has 8 red crayons, 9 blue crayons, and 7 green crayons. How many crayons does Adam have?

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

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

5. Peter has 10 black cubes, 3 blue cubes, and 9 white cubes. How many cubes does Peter have?

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

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

Operations and Algebraic Thinking 1.OA

Understand and apply properties of operations and the relationship between addition and subtraction.

1.OA.3

1. Patty put 1 red cube in a box. Then she put 4 green cubes in the box. How many cubes did Patty put in the box? Write two different addition sentences. (commutative property of addition)

$$1 + 4 = \underline{\quad}$$

$$4 + 1 = \underline{\quad}$$

2. Paul has 3 blue cubes in a box. Then he put 6 yellow cubes in the box. How many cubes did Paul put in the box? Write two different addition sentences.

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

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

3. Jen and her friends collect seashells. Jen has 3 seashells in her bag. One of her friends has 4 seashells in her bag and another of her friends has 6 seashells. How many seashells do the friends have in all? (associative property of addition)

$$3 + 4 + 6 = \underline{\quad} \text{ so}$$

$$3 + 10 = \underline{\quad}$$

4. Matt has 4 pencils, 7 markers, and 6 pens. He wants to know how many items he bought in all. He added six plus 4 first. What should Matt add next?

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

5. Katie has 10 pencils, 5 erasers, and 8 crayons in her toolbox. How many items does Katie want to know how many items she has in her toolbox in all. She added 10 plus 8 first. What should Katie add next?

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

1.OA.4

1. Dan has 7 dogs. 3 of the dogs are black and the rest are brown. How many of his dogs are brown?

$$3 + \underline{\quad\quad} = 7$$

2. There are 6 cats in all. Some are tan and some are black. 4 cats are tan. How many cats are black?

$$4 + \underline{\quad\quad} = 6$$

3. Jon has 9 blocks. 4 blocks are yellow. The rest are blue. How many blocks are blue?

$$4 + \underline{\quad\quad} = 9$$

4. There are 8 marbles in a jar. 4 marbles are green. The rest are orange. How many marbles are orange?

$$4 + \underline{\quad\quad} = 8$$

5. There are 10 mice in all. 4 mice are on the cheese. How many mice are not on the cheese?

$$4 + \underline{\quad} = 10$$

6. Jen sees 8 frogs. Some of the frogs are in the pond. 5 frogs are on the grass. How many frogs are in the pond?

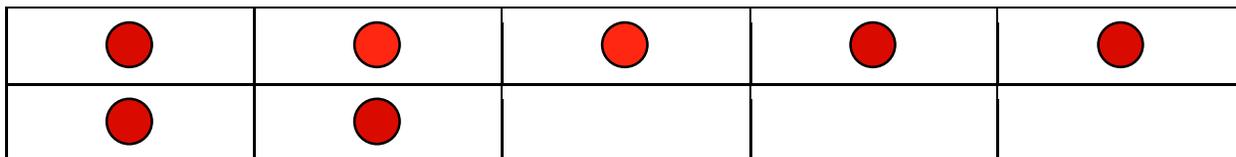
$$5 + \underline{\quad} = 8$$

Operations and Algebraic Thinking 1.OA
Add and subtract within 20.

1.OA.5

1. Sally has a bunch of 7 flowers. She picked two more flowers and added them to her bunch. How many flowers does Sally have in all? Draw counters to show complete this addition sentence.

$7 + 2 = \underline{\quad}$



1.OA.6

1. Three frogs were sitting on a log. 7 more frogs hopped there. How many frogs are sitting on the log now?

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

$\underline{\quad}$ frogs

2. Sam has 9 red marbles and 11 green marbles. How many marbles does Sam have in all?

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

$\underline{\quad}$ marbles

3. There were 15 birds in the tree. 7 flew away. How many birds are in the tree now?

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

 birds

4. Marsha saw 16 frogs in a pond. 9 frogs hop away. How many frogs are left in the pond? Write a number sentence.

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

 frogs

5. There are 12 mice in a field. 5 mice run away. How many mice are left in the field? Write a subtraction sentence for this story.

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

 mice

Operations and Algebraic Thinking 1.OA
Work with addition and subtraction equations.

1.OA.7 Understand the meaning of an equal sign, and determine if equations involving addition and subtraction are true or false. For example, which of the following equations are true and which are false? $7=7$, $6=7-1$, $6+4=4+6$, $7+2=3+5$.

1.OA.8

1. Six cookies were on the table. I ate some cookies. Then there were 4 cookies. How many cookies did I eat?

$$4 + \underline{\quad\quad\quad} = 6$$

$$\underline{\quad\quad\quad} - \underline{\quad\quad\quad} = 4$$

 cookies

2. Jessica has some crayons. She finds 8 more. Now Jessica has 17 crayons. How many did Jessica have before she found more? Write a subtraction sentence and the addition sentence that helped you subtract.

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

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

_____ crayons

3. Chris had 20 problems to solve. He has solved 9. How many more does Chris have to solve? Write a subtraction sentence and the addition sentence that helped you subtract.

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

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

_____ problems

4. Katie solved a subtraction problem. She used $6 + 5 = 11$ to help her solve it. Which subtraction problem did she solve?

Ⓐ $12 - 6 = 6$

Ⓑ $11 - 5 = 6$

Ⓒ $10 - 6 = 4$

Ⓓ $6 - 5 = 1$

5. Sherry solved a subtraction problem. She used $5 + 9 = 14$ to help her solve it. Which subtraction problem did she solve?

Ⓐ $14 - 9 = 5$

Ⓑ $9 - 5 = 4$

Ⓒ $16 - 9 = 7$

Ⓓ $5 + 14 = 19$

Number and Operations in Base Ten
1.NBT.1

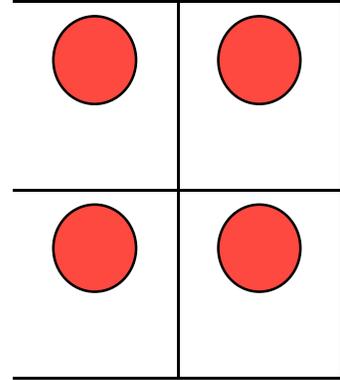
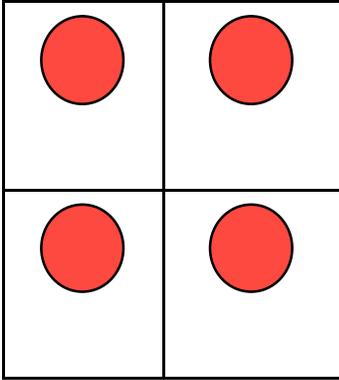
1. 13 students are going to the zoo. Then one more student decides to go. How many students will be at the zoo? Use ten-frames to solve. Write and label your answer.

Answer: _____

3. Count the counters and circle that number on the 120's chart.

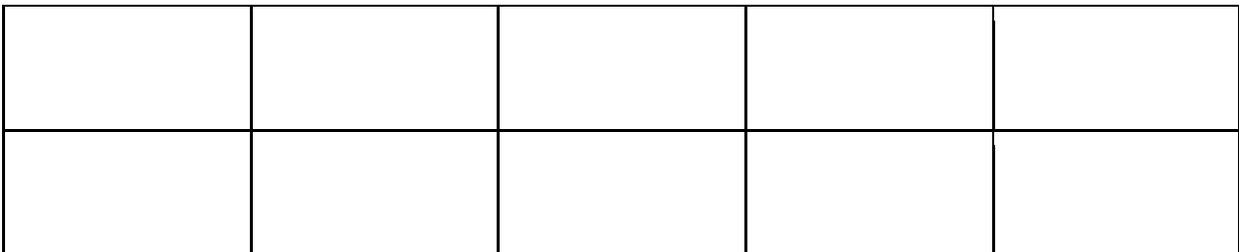
	
	
	
	



4. Write the number 43 on the chart.

									10
		13							
				25					
						37			
								49	

5. Show the number 43 by drawing counters on the ten-frames below.

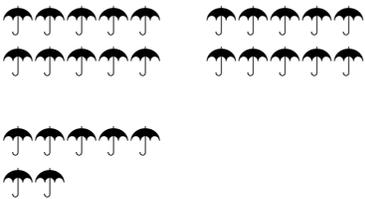


Number and Operations in Base Ten

1.NBT.2a,b,c

1. Count the counters. Circle groups of 10 and write the digits on the lines.

 	 <hr/> tens ones
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------

	<p>_____</p> <p>tens ones</p>
	<p>_____</p> <p>tens ones</p>

6. Molly has 45 suckers. How many groups of 10 could she make? Draw the suckers in the box below.

tens	ones

3. Jack has 26 balls for baseball practice. There are 10 balls in each bucket. Draw a picture to solve. Write the numbers.

How many buckets are there_____?

How many balls are left over_____?

4. There are 6 boxes of candy at the store. Each box has 10 pieces of candy. How many pieces of candy are there in all?

60

6

66

16

Ⓐ

Ⓑ

Ⓒ

Ⓓ

5. Jen has granola bars for her party.
She has 2 packages of 10.
She also has 4 extra bars.

tens	ones

How many granola bars does Jen have?

Write the number of tens and ones.

Write the total number of granola bars.
