Reteach Packet for OA.8

Page 1- Packet instructions and Unpacking the Standards - Use to solve the task and get accustomed to the strategies from the state
Page 2- Worksheet #1 on Two Step Problems: Subtract & Add
Page 3- Answer Key for worksheet #1 (for LC use only)
Page 4- Modified Version of Worksheet #1 on Two Step Problems: Subtract & Add
Page 5- Worksheet #2 on Two Step Problems: Multiply & Add
Page 6- Answer Key for Worksheet #2 (for LC use only)
Page 7- Modified Version of Worksheet #2 on Two Step Problems: Multiply & Add

 LC can check the above pages and send back via email or file share.

*Please send worksheets back to your math teacher via email or file share.
**All worksheets provided in this packet come from commoncoresheets.com and are not aligned with NC standards but a great resource to practice the expectations with the standards.

Solve two-step problems.

NC.3.OA.8 Solve two-step word problems using addition, subtraction, and multiplication, representing problems using equations with a symbol for the unknown number.

Clarification	Checking for Understanding
This standard refers to two-step word problems using the addition, subtraction, and multiplication only. The size of the numbers should be limited to related 3rd grade standards (e.g., 3.OA.7 and 3.NBT.2). Adding and subtracting numbers should include numbers within 1,000, and multiplying numbers should include single-digit factors and products less than 100. This standard calls for students to represent problems using equations with a letter to represent unknown quantities.	Mike runs 2 miles a day. His goal is to run 25 miles. After 5 days, how many miles does Mike have left to run in order to meet his goal? Write an equation and find the solution ($2 \times 5 + m = 25$). Ms. Jones's class is trying to earn $130 to provide food for the rescue animals at the local shelter. They already earned $90 at a penny drive. The class has two ways they could raise the rest of the money. They could sweep the lunch room for $10 per week or pick up trash in the school yard for $8 per week. Which job should the class do to earn the money the fastest? • Explain your solution using pictures, numbers, or words. • Write an equation for how you started the problem. Be sure to include the number of weeks required for each job.

Name:

Solve each problem.

1) For the school bake sale Carol made 30 cupcakes. If she sold 9 of them and then made 28 more, how many cupcakes would she have?

2) For Halloween Faye scored 47 pieces of candy. She ate 25 pieces the first night and then her sister gave her 40 more pieces. How many pieces of candy does Faye have now?

3) Kaleb had 34 books. If he sold 17 of them and used the money he earned to buy 7 new books, how many books would Kaleb have?

4) In fourth grade there were 10 students at the start of the year. During the year 4 students left and 42 new students came to school. How many students were in fourth grade at the end?

5) Oliver had 33 dollars in January. By March he had spent 4 dollars. If he got another 32 dollars from his mom, how much money would he have?

6) A florist had 37 roses. If she sold 16 of them and then later picked 19 more, how many roses would she have?

7) A teacher had 6 worksheets to grade. If she graded 4, but then another 18 were turned in, how many worksheets would she have to grade?

8) A book store had 41 books in the bargin bin. If they sold 33 books, but then put 2 more in the bin, how many books would be in the bin?

9) A waiter had 19 customers to wait on. If 14 customers left and he got another 36 customers, how many customers would he have?

10) At the fair there were 9 people in line for the bumper cars. If 6 of them got tired of waiting and left and 3 more got in line, how many people would be in line?

1.	_____
2.	_____
3.	_____
4.	_____
5.	_____
6.	_____
7.	_____
8.	_____
9.	_____
10.	_____

Math

1-10	90	80	70	60	50	40	30	20	10	0

	Two Step Problems	Name:	**Answer Key**

Solve each problem.

1) For the school bake sale Carol made 30 cupcakes. If she sold 9 of them and then made 28 more, how many cupcakes would she have?

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Answers

1. **49**
2. **62**
3. **24**
4. **48**
5. **61**
6. **40**
7. **20**
8. **10**
9. **41**
10. **6**

		1-10	90	80	70	60	50	40	30	20	10	0

Math

Solve each problem.

24	62	10	20
41	6	48	61
	40	49	

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

1) For the school bake sale Carol made 30 cupcakes. If she sold 9 of them and then made 28 more, how many cupcakes would she have?

2) For Halloween Faye scored 47 pieces of candy. She ate 25 pieces the first night and then her sister gave her 40 more pieces. How many pieces of candy does Faye have now?

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| 1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 |

Two Step Problems

Solve each problem.

1) A baker made 2 batches of chocolate chip cookies. Each batch had 6 cookies in it. Then he made an additional 5 oatmeal cookies just in case someone didn't want chocolate chip. How many cookies did he bake total?

2) At the arcade Megan had 5 tickets she saved from the last time she went. This time she played a game 6 times and earned 7 tickets each time she played. How many tickets does she have now?

3) It takes 3 ounces of cheese to make a burrito and 2 ounces for a taco. If you wanted 9 burritos and 1 taco how many ounces of cheese would you need?

4) A music teacher had 5 recorders, but she decided to buy 3 more boxes with each box having 2 recorders in it. How many recorders did she have after buying the 3 boxes?

5) While playing a game Cody defeated 3 enemies. Each enemy earned him 7 points. Then he got another 2 points for completing the level. How many points did he earn total?

6) A pet store sold 2 kittens and 1 puppy over the weekend. The kittens sold for $9 each and the puppy sold for $8. How much money did they earn from selling the pets?

7) Jerry earned 5 dollars for every lawn he mowed. If he mowed 3 lawns and he already had 9 dollars saved up, how much money does he have total?

8) Before lunch a waitress had already earned $6 in tips. After lunch she had 5 customers and each customer gave her a 4 dollar tip. How much money did she earn total?

9) A malt shop used 4 ounces of chocolate syrup in their shakes and 7 ounces of syrup on their cones. If they sold 9 shakes and 1 cone, how many ounces of chocolate would they use total?

10) Roger spent $8 on a board game and then he bought 2 action figures for $3 each. How much money did he spend on the game and figures?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Math

| 1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 |

Name:

Answers

Solve each problem.

1) A baker made 2 batches of chocolate chip cookies. Each batch had 6 cookies in it. Then he made an additional 5 oatmeal cookies just in case someone didn't want chocolate chip. How many cookies did he bake total?

$2 \times 6 = 12$
$12 + 5 = 17$

2) At the arcade Megan had 5 tickets she saved from the last time she went. This time she played a game 6 times and earned 7 tickets each time she played. How many tickets does she have now?

$6 \times 7 = 42$
$42 + 5 = 47$

3) It takes 3 ounces of cheese to make a burrito and 2 ounces for a taco. If you wanted 9 burritos and 1 taco how many ounces of cheese would you need?

$9 \times 3 = 27$
$27 + 2 = 29$

4) A music teacher had 5 recorders, but she decided to buy 3 more boxes with each box having 2 recorders in it. How many recorders did she have after buying the 3 boxes?

$3 \times 2 = 6$
$6 + 5 = 11$

5) While playing a game Cody defeated 3 enemies. Each enemy earned him 7 points. Then he got another 2 points for completing the level. How many points did he earn total?

$3 \times 7 = 21$
$21 + 2 = 23$

6) A pet store sold 2 kittens and 1 puppy over the weekend. The kittens sold for $9 each and the puppy sold for $8. How much money did they earn from selling the pets?

$2 \times 9 = 18$
$18 + 8 = 26$

7) Jerry earned 5 dollars for every lawn he mowed. If he mowed 3 lawns and he already had 9 dollars saved up, how much money does he have total?

$3 \times 5 = 15$
$15 + 9 = 24$

8) Before lunch a waitress had already earned $6 in tips. After lunch she had 5 customers and each customer gave her a 4 dollar tip. How much money did she earn total?

$5 \times 4 = 20$
$20 + 6 = 26$

9) A malt shop used 4 ounces of chocolate syrup in their shakes and 7 ounces of syrup on their cones. If they sold 9 shakes and 1 cone, how many ounces of chocolate would they use total?

$4 \times 9 = 36$
$36 + 7 = 43$

10) Roger spent $8 on a board game and then he bought 2 action figures for $3 each. How much money did he spend on the game and figures?

$2 \times 3 = 6$
$6 + 8 = 14$

#	Answers
1.	**17**
2.	**47**
3.	**29**
4.	**11**
5.	**23**
6.	**26**
7.	**24**
8.	**26**
9.	**43**
10.	**14**

Math

1

1-10	90	80	70	60	50	40	30	20	10	0

Solve each problem.

11	24	17	26
47	26	29	23

1. _____

2. _____

3. _____

1) A baker made 2 batches of chocolate chip cookies. Each batch had 6 cookies in it. Then he made an additional 5 oatmeal cookies just in case someone didn't want chocolate chip. How many cookies did he bake total?

4. _____

5. _____

2) At the arcade Megan had 5 tickets she saved from the last time she went. This time she played a game 6 times and earned 7 tickets each time she played. How many tickets does she have now?

6. _____

7. _____

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