

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: Add & Multiply

Page 3- Answer Key for worksheet #1 (for LC use only)

Page 4- Modified Version of Worksheet #1 on Two Step Problems: Add & Multiply

Page 5- Worksheet #2 on Two Step Problems: Subtract & Multiply

Page 6- Answer Key for Worksheet #2 (for LC use only)

Page 7- Modified Version of Worksheet #2 on Two Step Problems: Subtract & Multiply

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

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.

Checking for Understanding

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.



Solve each problem.

Answers

- 1) At the town carnival Billy rode the ferris wheel seven times and the bumper cars three times. If each ride cost five tickets, how many tickets did he use?
- 2) Chloe was unboxing some of her old winter clothes. She found four boxes of clothing and inside each box there were two scarves and six mittens. How many pieces of winter clothing did Chloe have total?
- 3) A waiter had nine tables he was waiting on, with seven women and three men at each table. How many customers total did the waiter have?
- 4) April's discount flowers was having a sale where each flower was three dollars. If Emily bought two roses and two daisies, how much did she spend?
- 5) Isabel had two pages of math homework and four pages of reading homework. If each page had five problems on it, how many problems did she have to complete total?
- 6) Wendy was playing a video game where she scores five points for each treasure she finds. If she found four treasures on the first level and three on the second, what would her score be?
- 7) There were seven friends playing a video game online when two more players joined the game. If each player had seven lives, how many lives did they have total?
- 8) Paul bought six boxes of chocolate candy and four boxes of caramel candy. If each box has nine pieces inside it, how much candy did he have total?
- 9) A pet store has six bird cages. If each cage has six parrots and two parakeets in it, how many birds does the pet store have total?
- 10) Rachel was organizing her book case making sure each of the shelves had exactly nine books on it. If she had six shelves of mystery books and two shelves of picture books, how many books did she have total?

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



Solve each problem.

Answers

- | | |
|--|---------------|
| 1) At the town carnival Billy rode the ferris wheel seven times and the bumper cars three times. If each ride cost five tickets, how many tickets did he use? | 1. <u>50</u> |
| 2) Chloe was unboxing some of her old winter clothes. She found four boxes of clothing and inside each box there were two scarves and six mittens. How many pieces of winter clothing did Chloe have total? | 2. <u>32</u> |
| 3) A waiter had nine tables he was waiting on, with seven women and three men at each table. How many customers total did the waiter have? | 3. <u>90</u> |
| 4) April's discount flowers was having a sale where each flower was three dollars. If Emily bought two roses and two daisies, how much did she spend? | 4. <u>12</u> |
| 5) Isabel had two pages of math homework and four pages of reading homework. If each page had five problems on it, how many problems did she have to complete total? | 5. <u>30</u> |
| 6) Wendy was playing a video game where she scores five points for each treasure she finds. If she found four treasures on the first level and three on the second, what would her score be? | 6. <u>35</u> |
| 7) There were seven friends playing a video game online when two more players joined the game. If each player had seven lives, how many lives did they have total? | 7. <u>63</u> |
| 8) Paul bought six boxes of chocolate candy and four boxes of caramel candy. If each box has nine pieces inside it, how much candy did he have total? | 8. <u>90</u> |
| 9) A pet store has six bird cages. If each cage has six parrots and two parakeets in it, how many birds does the pet store have total? | 9. <u>48</u> |
| 10) Rachel was organizing her book case making sure each of the shelves had exactly nine books on it. If she had six shelves of mystery books and two shelves of picture books, how many books did she have total? | 10. <u>72</u> |



Solve each problem.

Answers

12	32	35	48
72	90	50	30
	90	63	

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6. _____
7. _____
8. _____
9. _____
10. _____

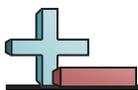


Solve each problem.

Answers

- 1) A new building needed 14 windows. The builder had already installed 5 of them. If it takes 4 hours to install each window, how long will it take him to install the rest?
- 2) A chef needs to cook 16 potatoes. He has already cooked 7. If each potato takes 5 minutes to cook, how long will it take him to cook the rest?
- 3) Ned bought 14 boxes of chocolate candy and gave 7 to his little brother. If each box has 6 pieces inside it, how many pieces did Ned still have?
- 4) There were 11 friends playing a video game online when 5 players quit. If each player left had 5 lives, how many lives did they have total?
- 5) Henry earned 5 dollars for each lawn he mowed. If he had 12 lawns to mow, but forgot to mow 7 of them, how much money did he actually earn?
- 6) A trivia team had 5 members total, but during a game 2 members didn't show up. If each member that did show up scored 6 points, how many points were scored total?
- 7) A painter needed to paint 10 rooms in a building. Each room takes 8 hours to paint. If he already painted 8 rooms, how much longer will he take to paint the rest?
- 8) In a video game, each enemy defeated gives you 3 points. If a level has 6 enemies total and you destroy all but 2 of them, how many points would you earn?
- 9) Wendy earned 5 points for each bag of cans she recycled. If she had 11 bags, but didn't recycle 2 of them, how many points would she have earned?
- 10) Each chocolate bar in a box cost \$3. If a box had 7 bars total and Olivia sold all but 4 bars, how much money would she have made?

1. _____
2. _____
3. _____
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7. _____
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9. _____
10. _____



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Answers

1. 36
2. 45
3. 42
4. 30
5. 25
6. 18
7. 16
8. 12
9. 45
10. 9



Solve each problem.

Answers

30

9

42

45

16

45

25

18

12

36

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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