

Name \_\_\_\_\_

## Practice Sheet

4.0A.3

Multi-Step Word Problems

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Multi-Step Word Problems: Add & Subtract

Some word problems require more than one step to solve. These are called multi-step word problems. Identify the key words in the problem. Then, write an equation to help you solve.

Word Problem	Equation and Solution								
<p>Elise has saved \$86. This weekend, she earned \$26 babysitting. Then, she spent \$35 on a new outfit. How much money does Elise have left?</p> <p>Key words: earned (addition) spent (subtraction)</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Starting Amount</td> <td style="text-align: center;">Earned</td> <td style="text-align: center;">Spent</td> <td style="text-align: center;">Unknown</td> </tr> <tr> <td style="text-align: center;"><b>86</b></td> <td style="text-align: center;"><b>+</b> <b>26</b></td> <td style="text-align: center;"><b>-</b> <b>35</b></td> <td style="text-align: center;"><b>=</b> <b>m</b></td> </tr> </table> <p>Equation: <math>86 + 26 - 35 = m</math>  <math>112 - 35 = m</math></p> <p>Solution: Elise has \$77 left over.</p>	Starting Amount	Earned	Spent	Unknown	<b>86</b>	<b>+</b> <b>26</b>	<b>-</b> <b>35</b>	<b>=</b> <b>m</b>
Starting Amount	Earned	Spent	Unknown						
<b>86</b>	<b>+</b> <b>26</b>	<b>-</b> <b>35</b>	<b>=</b> <b>m</b>						

Read each multi-step word problem. Write an equation with a variable. Then, solve.

<p>1. A movie theater sold 1,246 tickets this weekend. If 314 tickets were sold on Friday and 529 tickets were sold on Saturday, how many tickets were sold on Sunday?</p> <p>Equation: _____</p> <p>Solution: _____</p>	<p>2. Gia had 94 beads. She used 28 beads to make a necklace and 17 beads to make a bracelet. Gia went to the store and bought 36 more beads. How many beads does Gia have now?</p> <p>Equation: _____</p> <p>Solution: _____</p>
<p>3. Liam was practicing pitching. He threw 46 balls. He threw 19 more strikes than he threw balls. How many pitches did Liam throw in all?</p> <p>Equation: _____</p> <p>Solution: _____</p>	<p>4. Maple Grove Elementary School has 925 students. There are 287 third grade students and 359 fourth grade students. How many fifth grade students are at Maple Grove Elementary School?</p> <p>Equation: _____</p> <p>Solution: _____</p>

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## Multi-Step Word Problems: Add & Subtract

Read each multi-step word problem. Write an equation with a variable. Then, solve.

1. Paul has 2 bags of Skittles. Each bag contains 84 Skittles. If Paul eats 38 Skittles and gives 29 Skittles to each of his two friends, how many Skittles does Paul have left?

Equation: \_\_\_\_\_

Solution: \_\_\_\_\_

2. Avery spent 170 minutes outside. If she spent 64 minutes riding her bike, 48 minutes on the trampoline, and the rest of the time swimming, how many minutes did Avery spend swimming?

Equation: \_\_\_\_\_

Solution: \_\_\_\_\_

3. Zion collected leaves for a class project. She collected 34 pinnate leaves and 23 more palmate leaves than pinnate leaves. How many leaves did Zion collect in all?

Equation: \_\_\_\_\_

Solution: \_\_\_\_\_

4. Mrs. Thiel has 178 papers to grade. She graded 49 papers this morning and 56 paper this afternoon. How many papers does Mrs. Thiel have to grade this evening?

Equation: \_\_\_\_\_

Solution: \_\_\_\_\_

5. A recipe book has 24 appetizer recipes and 37 dessert recipes. There are 10 more dinner recipes as appetizer and dessert recipes combined. How many recipes are in the book in all?

Equation: \_\_\_\_\_

Solution: \_\_\_\_\_

6. Jacob had 243 books on his bookshelf. He gave 65 books to his teacher and 59 books to his little brother. He bought 32 new books. How many books does Jacob have now?

Equation: \_\_\_\_\_

Solution: \_\_\_\_\_