

Name _____

Practice Sheet

4.0A.3

Multi-Step Word Problems
+ / - / x

Multi-Step Word Problems: Add, Subtract, & Multiply

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						
Henry's book has 9 chapters. Each chapter has 26 pages. If Henry has 45 pages left to read, how many pages has he read so far? Key words: each (multiplication) left (subtraction)	<table border="0"> <tr> <td>Starting Amount</td> <td>Left Over</td> <td>Unknown</td> </tr> <tr> <td>9 x 26</td> <td>- 45</td> <td>= p</td> </tr> </table> <p>Equation: $9 \times 26 - 45 = p$ $234 - 45 = p$</p> <p>Solution: Henry has read 189 pages so far.</p>	Starting Amount	Left Over	Unknown	9 x 26	- 45	= p
Starting Amount	Left Over	Unknown					
9 x 26	- 45	= p					

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

<p>1. Carson earns \$9 for every yard he mows. This month, he mowed 16 yards and received \$25 for his birthday. He spent \$18 at the arcade. How much money does Carson have now?</p> <p>Equation: _____</p> <p>Solution: _____</p>	<p>2. Cora had 257 stickers. She bought a book of stickers that had 5 sheets. If each sheet had 33 stickers, how many stickers does Cora have altogether?</p> <p>Equation: _____</p> <p>Solution: _____</p>
<p>3. A serving of potato chips includes 28 chips. A bag contains 14 servings. If 249 chips have already been eaten, how many chips are left in the bag?</p> <p>Equation: _____</p> <p>Solution: _____</p>	<p>4. Each day, Julian spends 45 minutes practicing basketball and 30 minutes riding his bike. How many minutes in all does Julian spend in 5 days practicing basketball and riding his bike?</p> <p>Equation: _____</p> <p>Solution: _____</p>

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

1. Erin went shopping. She bought 4 pair of pants for \$27 each and 3 shirts for \$19 each. How much more money did Erin spend on pants than she spent on shirts?

Equation: _____

Solution: _____

2. Taylor's golden retriever weighed 18 ounces at birth. If the puppy gained 8 ounces each month for the last 8 months, what is the weight of Taylor's golden retriever now?

Equation: _____

Solution: _____

3. There are 12 players on a soccer team. If each player was given 16 shots at the goal at practice and 108 shots made it into the goal, how many shots missed the goal?

Equation: _____

Solution: _____

4. Mr. Preston has 2 math classes. Class one has 27 students and class two has 26 students. If each student answered 18 test questions, how many questions does Mr. Preston have to grade in all?

Equation: _____

Solution: _____

5. An electronics store has 16 employees. Each employee will work 8 hours today. If each employee earns \$13 per hour, how much money will all 16 employees earn combined?

Equation: _____

Solution: _____

6. Last month, Ben rode his bike 24 miles a week for 4 weeks. This month, Ben rode his bike 28 miles a week for 3 weeks. How many miles did Ben ride his bike in all?

Equation: _____

Solution: _____