

Directions: Find the solution of each scenario. Don't forget to write the equations as you work each problem..

Word problem	Word problem	Table	Solution												
<p>There are 156 laptops and desktop computers.</p> <p>Equation: _____</p>	<p>There are 8 <b>more laptops</b> than desktop computers.</p> <p>Equation: _____</p>	<p>There are more laptops.</p> <table border="1" data-bbox="768 254 1073 632"> <thead> <tr> <th>Desktop computers</th> <th>Laptops</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>28</td> </tr> <tr> <td></td> <td>48</td> </tr> <tr> <td>70</td> <td></td> </tr> <tr> <td></td> <td>82</td> </tr> <tr> <td>80</td> <td>88</td> </tr> </tbody> </table>	Desktop computers	Laptops	20	28		48	70			82	80	88	<p>There are a total of _____ laptops.</p> <p>_____ desktop computers.</p>
Desktop computers	Laptops														
20	28														
	48														
70															
	82														
80	88														
<p>The total number of sheets of paper in a spiral and memo notebook is 202.</p> <p>Equation: _____</p>	<p>The <b>spiral</b> notebook contains 30 <b>less sheets of paper</b> than a memo book.</p> <p>Equation: _____</p>	<p>There are more sheets of paper in the memo notebook.</p> <table border="1" data-bbox="768 743 1073 1094"> <thead> <tr> <th>Spiral</th> <th>Memo</th> </tr> </thead> <tbody> <tr> <td>55</td> <td>85</td> </tr> <tr> <td>80</td> <td></td> </tr> <tr> <td></td> <td>115</td> </tr> <tr> <td>86</td> <td></td> </tr> <tr> <td>105</td> <td>135</td> </tr> </tbody> </table>	Spiral	Memo	55	85	80			115	86		105	135	<p>There are a total of _____ sheets of paper in the spiral notebook.</p> <p>_____ sheets of paper in the memo notebook.</p>
Spiral	Memo														
55	85														
80															
	115														
86															
105	135														
<p>There are 135 pairs of shoes in this display.</p> <p>Equation: _____</p>	<p>There are 1.5 <b>times as many</b> pairs of <b>walking shoes</b> as there are running shoes on display.</p> <p>Equation: _____</p>	<p>There are more walking shoes.</p> <table border="1" data-bbox="768 1184 1073 1535"> <thead> <tr> <th>Running</th> <th>Walking</th> </tr> </thead> <tbody> <tr> <td></td> <td>15</td> </tr> <tr> <td>30</td> <td></td> </tr> <tr> <td></td> <td>75</td> </tr> <tr> <td>54</td> <td></td> </tr> <tr> <td>60</td> <td>90</td> </tr> </tbody> </table>	Running	Walking		15	30			75	54		60	90	<p>There are a total of _____ walking shoes.</p> <p>_____ running shoes.</p>
Running	Walking														
	15														
30															
	75														
54															
60	90														
<p>There are 300 large and small actions figures.</p> <p>Equation: _____</p>	<p>The boy wants 4 <b>times as many small action figures</b> as large action figures.</p> <p>Equation: _____</p>	<p>There are more small action figures.</p> <table border="1" data-bbox="768 1625 1040 1961"> <thead> <tr> <th>Large</th> <th>Small</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>80</td> </tr> <tr> <td>60</td> <td></td> </tr> <tr> <td></td> <td>300</td> </tr> <tr> <td>80</td> <td></td> </tr> <tr> <td>100</td> <td>400</td> </tr> </tbody> </table>	Large	Small	20	80	60			300	80		100	400	<p>There are a total of _____ small action figures.</p> <p>_____ large action figures.</p>
Large	Small														
20	80														
60															
	300														
80															
100	400														

**Practice**

Word problem	Word problem	Table	Solution												
<p>There are 140 laptops and desktop computers.</p> <p>Equation:</p> <p>_____</p>	<p>There are 6 less laptops than desktop computers.</p> <p>Equation:</p> <p>_____</p>	<p>There are more _____</p> <table border="1" data-bbox="735 212 1040 590"> <tr> <td></td> <td>Desktop computers</td> </tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </table>		Desktop computers											<p>There are a total of _____ laptops.</p> <p>_____ desktop computers.</p>
	Desktop computers														
<p>The total number of sheets of paper in a spiral and memo notebook is 190.</p> <p>Equation:</p> <p>_____</p>	<p>The spiral notebook contains 20 more sheets of paper than a memo book.</p> <p>Equation:</p> <p>_____</p>	<p>The are more _____</p> <table border="1" data-bbox="735 680 1040 1031"> <tr> <td></td> <td>Spiral</td> </tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </table>		Spiral											<p>There are a total of _____ sheets of paper in the spiral notebook.</p> <p>_____ sheets of paper in the memo notebook.</p>
	Spiral														
<p>There are 100 pairs of shoes in this display.</p> <p>Equation:</p> <p>_____</p>	<p>There are 1.5 times as many pairs of walking shoes as there are running shoes on display.</p> <p>Equation:</p> <p>_____</p>	<p>There are more _____</p> <table border="1" data-bbox="735 1136 1040 1486"> <tr> <td></td> <td>Walking</td> </tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </table>		Walking											<p>There are a total of _____ walking shoes.</p> <p>_____ running shoes.</p>
	Walking														
<p>There are 180 large and small actions figures.</p> <p>Equation:</p> <p>_____</p>	<p>The boy wants 4 times as many small action figures as large action figures.</p> <p>Equation:</p> <p>_____</p>	<p>There are more _____</p> <table border="1" data-bbox="735 1577 1008 1913"> <tr> <td>Large</td> <td></td> </tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </table>	Large												<p>There are a total of _____ small action figures.</p> <p>_____ large action figures.</p>
Large															

Practice:

**Use the below scenario to answer Questions 1 & 2.**

**There are a total of 53 pens and markers. There are 7 less pens than markers.**

1. Write the system used to find the number of markers,  $m$ , and the number of pens,  $p$ .

A.  $p + m = 53$   
 $p = m - 7$

B.  $p + m = 7$   
 $53 - p = m$

C.  $p - m = 7$   
 $m + p = 53$

D.  $p - m = 53$   
 $m + p = 7$

2. How many markers and pens are there.

- A. There are 30 markers and 23 pens
- B. There are 23 markers and 30 pens
- C. There are 7 markers and 46 pens
- D. There are 46 markers and 7 pens

**Use the below scenario to answer Questions 3 & 4.**

**There are 125 DVD and Blu-Ray players. There are 1.5 times as many DVD players as Blu-Ray players.**

3. Write the system used to find the number of DVD and Blu-Ray players.

A.  $D + B = 125$   
 $B = 1.5D$

C.  $D + B = 1.5$   
 $D = 1.5B$

B.  $1.5D + 1.25B = 126.50$   
 $1.5D = B$

D.  $D + B = 125$   
 $D = 1.5B$

4. How many Blu-Ray and DVD players are there?

- A. 50 DVD players and 75 Blu-Ray Players
- B. 100 DVD players and 25 Blu-Ray Players
- C. 95 DVD players and 30 Blu-Ray Players
- D. 60 DVD players and 65 Blu-Ray Players