

# Addition / Subtraction Connection

Two PARTS make a TOTAL. You can:

- add the parts to get the total; or
- subtract a part from the total, and get the second part.

Remember: The subtraction sentence starts with the total.

total 31



$$20 + 11 = 31$$

$$31 - 11 = \underline{\quad}$$

$$31 - 20 = \underline{\quad}$$

total 53



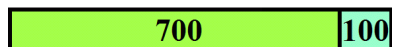
$$32 + 21 = 53$$

$$53 - 21 = \underline{\quad}$$

$$53 - 32 = \underline{\quad}$$

1. For each addition sentence, write two subtraction sentences. Fill in the missing parts.

total



a.  $700 + 100 = \underline{\quad}$

$$\underline{\quad} - 100 = \underline{\quad}$$

$$\underline{\quad} - 700 = \underline{\quad}$$

total



b.  $69 + 24 = \underline{\quad}$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

total



c.  $450 + 400 = \underline{\quad}$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

total



d.  $\underline{\quad} + \underline{\quad} = \underline{\quad}$

$$86 - 40 = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

total



e.  $\underline{\quad} + \underline{\quad} = \underline{\quad}$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$604 - 400 = \underline{\quad}$$

total




f.  $\underline{\quad} + \underline{\quad} = \underline{\quad}$







$$98 - 50 = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

2. A store has 605 chairs. Some are blue chairs and 200 are green.  
How many are blue?

<p>Sometimes you know the total and you don't know one part.</p> <p>You can write a missing addend sentence, and a subtraction sentence.</p>	<div style="text-align: center;"> <math>\overbrace{\hspace{10em}}^{\text{total } 96}</math>   </div> <div style="text-align: center; margin-top: 10px;"> <math>16 + \underline{\quad} = 96</math>  <math>96 - 16 = \underline{\quad}</math> </div>
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3. Write a missing addend problem and a subtraction problem with the same numbers.

<div style="text-align: center;"> <math>\overbrace{\hspace{10em}}^{\text{total } \underline{\hspace{2em}}}</math>   </div> <p>a. <math>560 + \underline{100} = 660</math>  <math>660 - 560 = \underline{100}</math></p>	<div style="text-align: center;"> <math>\overbrace{\hspace{10em}}^{\text{total } \underline{\hspace{2em}}}</math>   </div> <p>b. <math>200 + \underline{\hspace{2em}} = 900</math>  <math>\underline{\hspace{2em}} - \underline{\hspace{2em}} = \underline{\hspace{2em}}</math></p>	<div style="text-align: center;"> <math>\overbrace{\hspace{10em}}^{\text{total } \underline{\hspace{2em}}}</math>   </div> <p>c. <math>\underline{\hspace{2em}} + \underline{\hspace{2em}} = \underline{\hspace{2em}}</math>  <math>750 - 150 = \underline{\hspace{2em}}</math></p>
<div style="text-align: center;"> <math>\overbrace{\hspace{10em}}^{\text{total } \underline{\hspace{2em}}}</math>   </div> <p>d. <math>32 + \underline{\hspace{2em}} = 76</math>  <math>\underline{\hspace{2em}} - \underline{\hspace{2em}} = \underline{\hspace{2em}}</math></p>	<div style="text-align: center;"> <math>\overbrace{\hspace{10em}}^{\text{total } \underline{\hspace{2em}}}</math>   </div> <p>e. <math>\underline{\hspace{2em}} + \underline{\hspace{2em}} = \underline{\hspace{2em}}</math>  <math>\underline{\hspace{2em}} - \underline{\hspace{2em}} = \underline{\hspace{2em}}</math></p>	<div style="text-align: center;"> <math>\overbrace{\hspace{10em}}^{\text{total } 260}</math>   </div> <p>f. <math>\underline{\hspace{2em}} + \underline{\hspace{2em}} = \underline{\hspace{2em}}</math>  <math>\underline{\hspace{2em}} - \underline{\hspace{2em}} = \underline{\hspace{2em}}</math></p>

4. Solve.
- A basket contains 26 vegetables: 6 carrots, 10 radishes, and \_\_\_\_\_ tomatoes.
  - Mom took 8 potatoes from a bowl, and now there are 16 left.  
How many potatoes were in the bowl?
  - In a bouquet of 36 roses, 15 are white and 10 are red. The rest are yellow.  
How many are yellow?
  - Juan went shopping and used \$300. He used \$120 for food, \$70 to buy gasoline, and the rest for buying a bicycle.  
How much did the bicycle cost?

5. Find the difference.
- |              |                |                |
|--------------|----------------|----------------|
| a. 10 and 49 | b. 400 and 705 | c. 200 and 650 |
|--------------|----------------|----------------|

6. Solve the word problems. You can draw pictures to illustrate them!

- a. Ryan bought three carpets for \$200 each, and one small carpet for \$9.

What was Ryan's total bill?

The store owner then gave him a \$100 discount (lowered the price by \$100).  
How much was the bill after the discount?

- b. A piece of wood is 510 centimeters long.  
Brian cut off two pieces, 200 cm each.

How long a piece is left?

- c. A factory sells 300 car tires in a day.

How many tires do they sell in two days?

How many tires do they sell in three days?

How many days does it take for them to sell at least one thousand tires?

- d. Anita had 566 stamps. Her aunt gave her 300 new ones for her birthday.  
After that she decided to give 100 of her stamps to her brother.

How many stamps does Anita have now?

- e. A table-and-chairs set costs \$100. James bought one of those,  
and also a kiddy swimming pool for \$50.

What was James' total bill?

He paid with \$200. How much money does he have left now?