

# Multi-Step Problems

Solve the following word problems.

You'll need to work out which of the **four operations** – addition, subtraction, multiplication or division – you should use to solve them.



1. Beth has invited 125 people to her wedding and 76 of those people are bringing one other guest with them. The wedding dinner will cost £2.60 per person. How much will the dinner cost in total?

.....

..... Answer .....



2. A grocery store has 288 mangoes for sale and a customer buys 18 mangoes. The remaining mangoes need to be shipped to another store in crates of 30. How many crates will be needed?

.....

..... Answer .....



3. Larry saved up £324 over the last year. He spends £45 on a new video game and £58 on new clothes. His aunt comes to visit and gives him £20. How much money does he have altogether?

.....

..... Answer .....



4. 259 children are going on a school trip. On the day of the trip 9 children call in sick. The remaining pupils are split into ten groups. How many pupils are there in each group?

.....

..... Answer .....

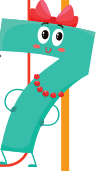


# Multi-Step Problems



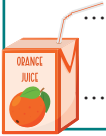
5. There are 846 football fans in a stadium and by half time 16 more have arrived. 321 are away fans. How many fans are cheering for the home team?

.....  
..... Answer .....



6.

A supermarket sells half of the orange juice cartons they have available to one customer and then 22 more to another customer. They now have 138 juice cartons left. How many did they have to begin with?



.....  
..... Answer .....

7.

Amaya has £1087 in her bank account. She spends £121 on groceries and then half of what she has left on a holiday. How much does she have left in her account?



.....  
..... Answer .....



8.

Henry has 2036 baseball cards in his collection. There are 147 cards that he has two copies of. Henry buys 15 more cards that he doesn't have already. How many different cards does he have in his collection?



.....  
..... Answer .....

## Challenge:

Write your own word problem which involves these two calculations:

$1235 - 200$  and  $1035 \div 3$ .

.....  
.....  
.....



# Multi-Step Problems

## Answers

Solve the following word problems.

You'll need to work out which of the **four operations** – addition, subtraction, multiplication or division – you should use to solve them.



1. Beth has invited 125 people to her wedding and 76 of those people are bringing one other guest with them. The wedding dinner will cost £2.60 per person. How much will the dinner cost in total?

.....

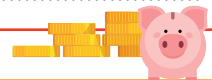
..... Answer **£522.60** .....



2. A grocery store has 288 mangoes for sale and a customer buys 18 mangoes. The remaining mangoes need to be shipped to another store in crates of 30. How many crates will be needed?

.....

..... Answer **9 crates** .....



3. Larry saved up £324 over the last year. He spends £45 on a new video game and £58 on new clothes. His aunt comes to visit and gives him £20. How much money does he have altogether?

.....

..... Answer **£241** .....



4. 259 children are going on a school trip. On the day of the trip 9 children call in sick. The remaining pupils are split into ten groups. How many pupils are there in each group?

.....

..... Answer **25 pupils** .....



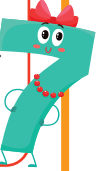
# Multi-Step Problems

## Answers



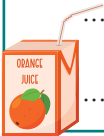
5. There are 846 football fans in a stadium and by half time 16 more have arrived. 321 are away fans. How many fans are cheering for the home team?

.....  
..... Answer **541 fans** .....



6.

A supermarket sells half of the orange juice cartons they have available to one customer and then 22 more to another customer. They now have 138 juice cartons left. How many did they have to begin with?



.....  
..... Answer **320 cartons** .....

7.

Amaya has £1087 in her bank account. She spends £121 on groceries and then half of what she has left on a holiday. How much does she have left in her account?



.....  
..... Answer **£483** .....



8.

Henry has 2036 baseball cards in his collection. There are 147 cards that he has two copies of. Henry buys 15 more cards that he doesn't have already. How many different cards does he have in his collection?



.....  
..... Answer **1904 cards** .....

## Challenge:

Write your own word problem which involves these two calculations:

**1235 - 200** and **1035 ÷ 3**.

.....  
.....  
.....

