

### TASK 1

You have 30 counters.



How many different ways can you put them into equal groups?

Write down all the possible ways.

### My answer to TASK 1

### TASK 2

I have 24p.

I divide it equally between 2 friends.  
How much will they get each?

I have 24p in 2p coins.

How many 2p coins do I have?

Consider the two questions above.

What is the same and what is different?

### My answer to TASK 2

### TASK 3

Amir has some counters.  
He makes 5 equal groups.



The amount he started with  
is greater than 10 but less  
than 35

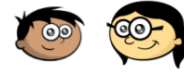
How many counters could he have  
started with?

How many will be in each group?

### My answer to TASK 3

### TASK 4

Ron has shared some grapes equally  
between two friends.



Ron's friends

Each friend receives fewer than 50  
grapes.

Complete the sentences to describe the  
number of grapes Ron started with.

He must have started with...

He could have started with...

He can't have started with...

### My answer to TASK 4

## ANSWERS

### TASK 1

The calculation is the same in both. In the first question we are sharing, whereas in the second question we are grouping.

### TASK 3

He could have 30 counters in 5 groups of 6

25 counters in 5 groups of 5

20 counters in 5 groups of 4

15 counters in 5 groups of 3

### TASK 2

10 groups of 3  
3 groups of 10  
6 groups of 5  
5 groups of 6  
2 groups of 15  
15 groups of 2  
1 group of 30  
30 groups of 1

### TASK 4

Possible answer:

He must have started with an even number of grapes.

He could have started with 40 grapes.

He can't have started with 100 grapes.