



Look at the picture. Answer the questions.



What time is it? .....

Today is Friday. What day was it yesterday? .....

How many cupcakes can each person have? .....

If half of the apples were eaten, how many would be left? .....

If each person had 2 drinks, how many drinks would there be altogether? .....

How many more sandwiches are there than apples? .....

If 13 candies were eaten, how many would be left? .....

Each package contains 2 presents. How many presents are there altogether? .....

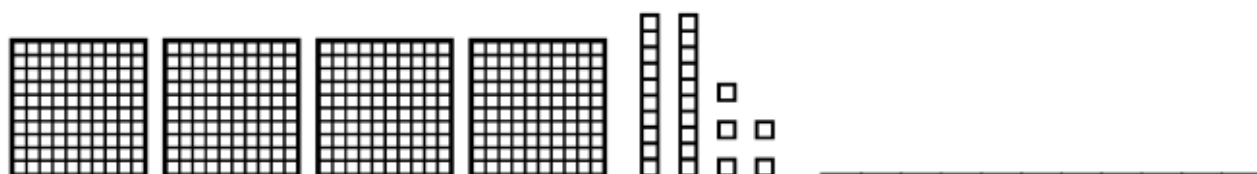
What shape are the sandwiches? .....

Is there an odd or an even number of chairs? .....

## Place Value Detective



1. Circle the number in the tens place. **115**
2. Circle the number in the ones place. **120**
3. Circle the number in the hundreds place. **103**
4. Create a number with 0 in the hundreds place. \_\_\_\_\_
5. Create a number with 2 in the tens place. \_\_\_\_\_
6. Create a number with 7 in the ones place. \_\_\_\_\_
7. Create a number with 9 in the ones place and 2 in the hundreds place. \_\_\_\_\_
8. The number 1 is in what place? **103** \_\_\_\_\_
9. The number 9 is in what place? **119** \_\_\_\_\_
10. The number 8 is in what place? **108** \_\_\_\_\_
11. The number 2 is in what place? **62** \_\_\_\_\_



## Word Problems

Q. 1. Hannah has 25 marbles. Her brother gave her 32 marbles. How many does she have now?

Q. 2. There are 57 apples on a tree. Some squirrels ate 26 of them. How many apples are left on the tree?

Q. 3. Larry had 12 tickets. He needed double the tickets to win a toy. How many tickets should Larry have?

Q. 4. A farmer grows some trees in his farm. Half of the trees are mangoes and the remaining are oranges. If the total number of trees is 20, how many orange trees are in the farm?

Q. 5. Sara has 14 dolls in her doll house. How many more dolls does she need to have 20 dolls in her doll house?

Q. 6. Joseph has a sticker book that has 20 pictures. He collected 8 stickers for the book. How many more stickers does he need to complete the book?

Q. 7. Virat Kohli made 60 runs. How much more does he need to make a century?

Q. 8. Daliah baked 100 cookies. She had three flavours: chocolate, vanilla and strawberry. If there were 30 chocolate and 40 vanilla, how many strawberry cookies were there?

Q. 9. An insect has 6 legs. How many legs do 5 insects have?

Q.10. David has 45 cars. He puts the cars into packets. If each packet has 5 cars, how many packets does he have?

## Year 2 Problem Solving Investigation

### Mrs Multiple's cakes

1. Mrs Multiple, the baker, has made 12 cup cakes. She is thinking how to arrange them in her shop window.

She likes to arrange them in rectangles like this:

In maths, these rectangles are called arrays.

She could also arrange the 12 cakes like this:



2. How else could she arrange them? Use 12 counters to help you and write down how many ways you found altogether.
3. In how many ways can she arrange 15 cakes in an array? Do you think there will be more or fewer ways of arranging 15 cakes than of arranging 12 cakes?
4. Which number of cakes from 10 to 20 can be arranged in the most ways?  
Can bigger numbers of cakes always be arranged in more ways than smaller numbers?  
Can you think of a number of cakes between 20 and 30 that can only be arranged in two ways?  
Which numbers of cakes between 20 and 30 do you think could be arranged in lots of ways? Why?