



## Making decisions

Whole class activity

I think of a number and I subtract 55 and divide it by 2.5. My answer is 998. What was my number?

It costs £6.50 to visit the local art gallery. How much would it cost to take a class of 38 children?

If I increase 27.4 by 5.56 what number will I get?

1. In one week the amount of rain that falls from Monday to Sunday doubles every day. If it rains 1.1mm on Monday how much rain falls during the whole week?  
.....
2. What operation does the \* represent?  
 $92 * 36 = 3312$   
 How can you check?  
 .....
3. How many times 35 is 245?  
 .....
4. Make up a number story to reflect this calculation:  
 $39.4 - 18.25 = 21.15$   
 .....
5. Jamal's play pool usually holds 943 litres of water but there has been a leak and 232 litres have leaked out. How much water is left in the pool?  
 .....
6. Max has a 1200 piece jigsaw. He drops it on the floor and loses 350 pieces. How many does he have left?  
 .....
7. I think of a number and add 32 then I multiply it by 2.5. My answer is 130. What was my number?  
 .....
8. A school usually has 275 pupils on the register. 14 new families have moved to the area over the summer and they all have three children. How many children will be at the school in September?  
 .....
9. The train on platform 2 is supposed to arrive at 08:20 but it is running 35 minutes late. What time will it arrive?  
 .....
10. The local park is 137 metres long but it is shortened by 26.5 metres. How long is it now?  
 .....



## Making decisions

In one week the amount of rain that falls from Monday to Sunday doubles every day. If it rains 2.1mm on Monday, how much rain falls during the whole week?

1.

.....

2.

What operation does the \* represent?

$$492 * 36 = 17,712$$

How can you check?

.....

3.

How many times 35 is 385?

.....

4.

Make up a number story to reflect this calculation:

$$59.4 - 18.25 = 41.15$$

.....

5.

Jamal's play pool usually holds 2543 litres of water but there has been a leak and 432 litres have leaked out. How much water is left in the pool?

.....

6.

Max has a 2200 piece jigsaw. He drops it on the floor and loses 476 pieces. How many does he have left?

.....

7.

I think of a number and add 73 then I multiply it by 3.5. My answer is 325.5. What was my number?

.....

8.

A school usually has 879 pupils on the register. 27 new families have moved to the area over the summer and they all have three children. How many children will be at the school in September?

.....

9.

The train on platform 2 is supposed to arrive at 08:37 but it is running 48 minutes late. What time will it arrive?

.....

10.

The local park is 237 metres long but it is shortened by 56.5 metres. How long is it now?



- 1. In one week the amount of rain that falls from Monday to Sunday doubles every day. If it rains 4.1mm on Monday, how much rain falls during the whole week?  
.....
- 2. What operation does the \* represent?  
692 \* 32 = 22144  
How can you check?  
.....
- 3. How many times 35 is 875?  
.....
- 4. Make up a number story to reflect this calculation:  
159.4 – 118.25 = 41.15  
.....
- 5. Jamal’s play pool usually holds 22 543 litres of water but there has been a leak and 1432 litres have leaked out. How much water is left in the pool?  
.....
- 6. Max has a 4700 piece jigsaw. He drops it on the floor and loses 1276 pieces. How many does he have left?  
.....
- 7. I think of a number and add 93 then I multiply it by 5.5. My answer is 786.5 What was my number?  
.....
- 8. A school usually has 1879 pupils on the register. 57 new families have moved to the area over the summer and they all have three children. How many children will be at the school in September?  
.....
- 9. The train on platform 2 is supposed to arrive at 06:37 but it is running 2 hours and 48 minutes late. What time will it arrive?  
.....
- 10. The local park is 1237 metres long but it is shortened by 156.5 metres. How long is it now?