

Problem solving

Tracy has a photo album with 5 pages. Each page will hold 4 pictures. How many pictures will the album hold in all?

Gerald wants to buy a gel pen that costs 95 cent. He has two twenty cent coins, a ten cent coin and two five cent coins. How much more money does he need?

Sean found 5 seashells on the beach. Ruby found twice as many as Sean. How many shells did they find altogether?

For her 8th birthday, Maeve's mother took her and her two friends to the cinema. What was the total cost of all four tickets?

Cinema Prices
Adult 10 euro
Child 7.50 euro

Patrick started babysitting at a quarter past five. He went home at the time shown below. How long did he babysit for?



The 130 second class children at St. Mary's and 4 teachers will be taking a field trip. The school needs to rent buses for the trip. If each bus holds 30 passengers, how many buses does the school need to rent?

Problem solving

A Class Party

Inventory list

- 15 chairs
- 3 tables
- 30 plates
- 25 knives
- 21 forks
- 41 spoons
- 50 glasses
- 43 napkins

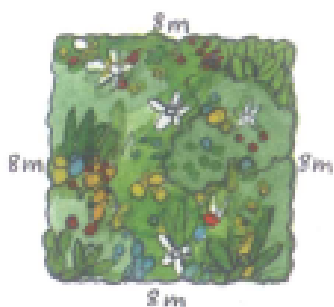
Participants:
24 pupils, 41 parents and 2 teachers

Problems:

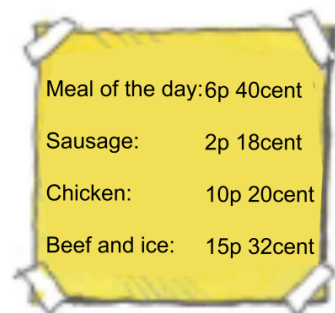
- How many are coming to the party?
- How many more chairs are needed?
- Tobias's mom is bringing the rest of the plates. How many should she bring?
- How many knives are missing?
- How many more forks are needed?
- Each table seats 10 people. How many tables do they need?
- Nicholas and Albert bring the extra napkins. How many do they bring if each bring the same number?
- John and Tom bring the extra glasses. If John brings 8 glasses, how many glasses does Tom bring?

Problem solving

How far is it around the lawn?



What is the difference between the highest and lowest price?



12 balloons to share.



Which groups below can have **equal** shares?



Yes, **3** each



Problem solving

Rhys throws balls into buckets.

He scores **16** with three balls like this.



Each ball
scores **2**



Each ball
scores **4**



Each ball
scores **6**

Show how he can score exactly **16** with **four** balls.



Each ball
scores **2**



Each ball
scores **4**



Each ball
scores **6**

Now show how he can score exactly **16** with **five** balls.



Each ball
scores **2**



Each ball
scores **4**



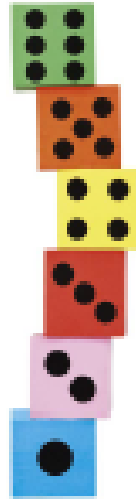
Each ball
scores **6**

Problem solving

Aled has six dice.

Each dice has the numbers 1, 2, 3, 4, 5 and 6 on it.

He makes this tower.



What is the **total** of the numbers you can see on this tower?

Aled uses all six dice to make a **new** tower.

The **smallest** possible total is

The **largest** possible total is

He uses **some** of the dice to make a new tower.

The largest possible total is **24**

How many dice does he use?

Problem solving

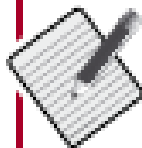
Jane wants to buy this scooter.



Today is **1st September**.
I have saved **£12** so far.

Every **Saturday** Jane saves another **50p**.

On what date can she buy the scooter?



September

Mon	Tues	Wed	Thur	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

October

Mon	Tues	Wed	Thur	Fri	Sat	Sun
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		