Task 1	Task 2

Task 1

1. The table below shows the number of cars using a car park.

Mon	Tues	Wed	Thu	Fri
15	11	9	12	6

a. Which day were most cars in the car park? **Monday = 15**
b. Which days were there less than ten cars parked? **Wed = 9, Fri = 6**
c. Which day were there the least free spaces in the car park? **Monday**
d. How may cars in total used the car park on Tuesday and Friday?
11 + 6 = 17

2. The table below shows favourite activities.

cinema	ice skating	swimming	theme park
15	9	12	8

a. Which activity is the most popular?
Cinema = 15
b. How many went swimming? **12**
c. Which was most popular - ice skating or theme park? **Ice-skating**
d. Which activity is the least popular?
Theme park = 8

3. The table shows the combinations of colours and objects.

	green	blue	red
pencil	✓		✓
ruler		✓	✓

a. What colour pencil can you not buy? **Blue**
b. What colour ruler can you not buy? **Green**
c. In which colour can you buy both products? **Red**

Task 2

Practice
1. The table below shows visitors to shops over a weekend.

	Gift Shop	Pet Shop	Supermarket
Saturday	7	9	12
Sunday	15	7	14

a. Which shop had the most visitors on Saturday? **Supermarket = 12**
b. Which shop had the quietest day on Sunday? **Pet shop = 7**
c. Which shop had the least customers across both days? **Pet shop = 16 (9 + 7)**
d. How many customers did all three shops have on Sunday? **15 + 7 + 14 = 36**

2. The table shows the results of a traffic survey.

	🚗	🚌	🚚	🚲	🏍
Main road	17	4	6	3	2
Side street	7	1	0	4	9
High Street	4	10	2	1	2

a. How many cars were there altogether? **17 + 7 + 4 = 28 cars**
b. Which was the least common mode of transport on the main road?
Motorbike = 2
c. How many more lorries than buses were there on the main road? **6 – 4 = 2 more lorries**
d. What vehicle was not seen on the side street? **A lorry**

	Task 3

Reasoning - Explain your answers.

3a. Felicity creates some questions using the table below.

How many prefer the seaside?

How many people didn't vote?

Do more people prefer the countryside or the mountains?

Beach Holiday	Countryside	Mountain walks	Sailing
18	12	6	5

Which of Felicity's questions cannot be answered using the table? Explain why not.

3a. How many people didn't vote? because there is no information in or included with the table to explain how many people were involved.

9a. Billy creates some questions using the table below.

How many people use aeroplanes to go on holiday?

Why do you think more people in the South travel by ferry?

How many people use more than one mode of transport?

	Aeroplane	Ferry	Car	Train
North of England	19	12	28	30
Southern England	20	45	52	54

Which of Billy's questions cannot be answered using the table? Explain why not.

9a. How many people use more than one mode of transport? because the table does not include that information.

	Task 4

Problem solving

2a. Afifa writes the following statements using the information in the table, spot two mistakes she has made.

Twenty children answered the survey.
Less than half of the children have no pets.
Girls have more pets than boys.
There are no even numbers in the boys' results.

	No pets	1 pet	2 pets
Boys	3	7	3
Girls	2	8	1

2a. Error 1: 24 children answered the survey. Error 2: Boys have more pets.

8a. Shelley writes the following statements using the information in the table, spot three mistakes she has made.

Both teams have more home games. 43 games were played in total. Foxley Wanderers played away twice as many times as Riverpool FC. The total home games of both teams together is double the total away games.

	Home Games	Away Games	Total games
Riverpool FC	14	4	19
Foxley Wanderes	10	12	24

8a. Error 1: Foxley have more away games; Error 2: Foxley played 8 more away games; Error 3: There were 16 away games and 24 home games.

2. Sanjay has created the table below to show people's favourite smoothie flavours but he can't remember the order of the flavours.

								Total
5 – 12 year olds	13	2	10	9	7	16	15	72
13 – 17 year olds	2	7	29	0	16	4	3	61
Adults	21	13	5	12	2	15	0	68

Choose seven flavours from above and place them in columns of your choice. Then, create 3 questions for your partner to solve.

Various answers, for example: Which two flavours as voted by adults, when doubled equals the total number of 5 – 12 year old children that voted? (cherry and peach) Which flavours were voted for by more than 20 but less than 28 people altogether? (pear, blueberry and apple) How many fewer adults took part in this survey than people under 18 years of age? (65)

DP