









































1) Fill in the number sentences to partition the values and calculate the total value.

+ + + =

+ + + =

+ + + =

2) Fill in the missing boxes from the number sentences.

$$\boxed{} + \boxed{} + \boxed{} + \boxed{} = 9432$$

$$5 + \boxed{} + 20 + \boxed{} = 5225$$

$$6699 = 600 + \boxed{} + 6000 + \boxed{}$$

$$2022 = \boxed{} + \boxed{} + \boxed{}$$

$$4006 = \boxed{} + \boxed{}$$

$$70 + 7000 = \boxed{}$$

$$30 + 3 + 6000 + 1100 = \boxed{}$$

$$8400 + 87 = \boxed{}$$

$$6006 + 650 = \boxed{}$$

$$\boxed{} = 2090 + 7909$$

$$1000 + 55 + \boxed{} = 6355$$

$$4045 = 2045 + \boxed{}$$

3) Calculate the missing cost of the day trips using the holiday list and total cost below.

Flight = £3501

Accommodation = £125

Day Trips = £

Food = £61

Total = £6687



- 1) On the way to the airport, the boarding passes got muddled. Can you match the boarding pass with the correct person? Use the statements below to help solve the problem and record your answers in the table.



Name	Boarding Pass Number
	6553
	3655
	3573
	3511
	3501
	5305
	3315
	5035

I can't remember my boarding pass number at all!



Yi

My boarding pass number has two digits the same. The digits in the tens and ones place add together to make 8.



Samira

My boarding pass number has five hundreds and three ones.



Sasha

My boarding pass number has a placeholder.



Ting

My boarding pass number has three thousands and one one.



Greg

My boarding pass number has an even digit in the thousands place.



Jaheem

There are five hundreds and eleven ones in my boarding pass number.



Ahmed

My boarding pass number has thirty-three hundreds.



Billy



- 1) Look at the mass of each item below and choose the items that you could pack in your case for a total mass of 7364g. You can use as many of each item as you need. Find ten different possible combinations. Don't forget that the case makes up 5000g of the total mass!



Item						
shoes	trousers	shorts	book	T-shirts	pencil	
Mass	1000g	500g	20g	100g	10g	1g

- 2) Look at the packed suitcases below. Calculate the masses and select the odd one out. Explain your decision.