Multi-step addition and subtraction problems

1 Eva is reading a book before bedtime.

On Monday she reads 38 pages.

On Tuesday she reads 6 pages more than she did on Monday.

a) How many pages does she read on Tuesday?

44

b) How many pages does she read altogether on Monday and Tuesday?

82

c) There are 123 pages in the book altogether.

How many pages does Eva have left to read?

41

2 Here are two number cards.

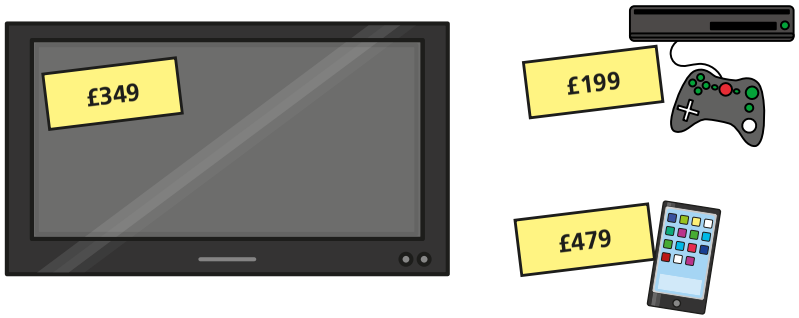
800	?

The sum of the two cards is 2,900

What is the difference between the two cards?

1,300

3 Mo has £1,000 to spend. He buys a TV and a games console.



Does Mo have enough money left to buy the phone? No

Explain your answer.

£349 + £199 = £548

£548 + £479 = £1,027 ← He is £27 short.

4 Two families each have £1,800

The table shows how much they need to spend.

	The Websters	The Changs
Housing	£465	£550
Food	£420	£380
Bills	£120	£135
	£1,005	£1,065

Which family has the most money left?

The Websters

How much more money do they have?

£60

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5 There are 15,600 people at a concert.

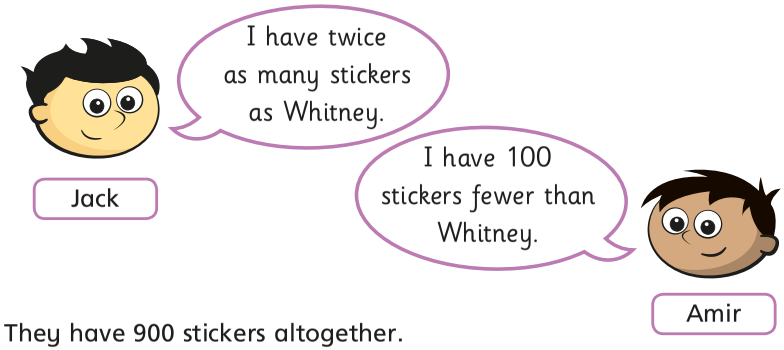
There are 9,050 adults.

The rest are children.

How many more adults than children are there?

2,500

6 Jack, Whitney and Amir are counting their sticker collections.



They have 900 stickers altogether.

How many stickers do they each have?



Jack has 500 stickers.

Amir has 250 stickers.

Whitney has 150 stickers.

900 + 100 = 1,000

1,000 ÷ 4 = 250

7 Two numbers have a difference of 1,200 and a total of 6,484

What are the two numbers?



6,484 + 1,200 = 7,684

7,684 ÷ 2 = 3,842

3,842 and 2,642

8 Three 4-digit numbers add together to make 10,000

One of the numbers is 2,560

Complete the sentences to describe the other numbers.

The total of the two numbers must be 7,440

The two numbers could be 6,200 and 1,240

One of the numbers cannot be greater than 6,440

Write your own problem like this for a partner to solve.

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