

Solving Addition and Subtraction Problems



Quick Review

Vinh made 2 paper chains.

The red chain has 216 links. The blue chain has 379 links.

- How many links is that altogether?

Add to solve the problem.

$$216 = 200 + 10 + 6$$

$$379 = 300 + 70 + 9$$

$$200 + 300 = 500$$

$$10 + 70 = 80$$

$$6 + 9 = 15$$

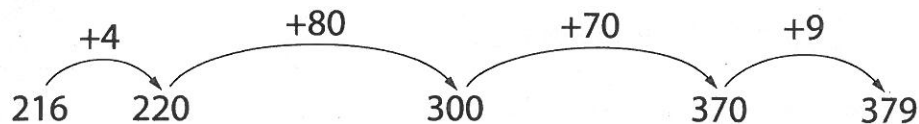
$$500 + 80 + 15 = 595$$

There are 595 links altogether.

- How many more blue links than red links are there?

Subtract to solve the problem.

Count up from 216 to 379.



$$4 + 80 + 70 + 9 = 163$$

$$\text{So, } 379 - 216 = 163$$

There are 163 more blue links than red links.

Try These

1. Jaques saw 39 cardinals and 18 blue jays in the park.

How many birds did he see altogether?

2. Cynthia has 147 cowrie shells and 286 puka shells.

How many more puka shells than cowrie shells does she have?

Practice

1. a) Mr. Tanaka drove 376 km on Thursday and 489 km on Friday.
How far did he drive over the 2 days?

- b) How much farther did Mr. Tanaka drive on Friday than on Thursday?

2. a) Forty-two Grade 3 children went to the zoo.
Thirty-eight Grade 2 children went with them.
How many children went to the zoo?

- b) Fifty-seven Grade 4 children joined the others for lunch at the zoo.
How many children had lunch together at the zoo?

3. Use the data in the chart.

- a) How many more tags did Grade 2 collect than Grade 1?

Grade	Number of Tags
1	368
2	426
3	219
4	509

- b) How many more tags does Grade 3 have to collect to be even with Grade 4?

4. Sandra baked 128 gingerbread cookies for the bake sale.
Luca baked 196 gingerbread cookies.
How many cookies is that altogether?

Stretch Your Thinking

Use these numbers: 3, 5, 6, 7, 8, 9
Arrange the numbers to make the greatest possible sum and the least possible difference.

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