

## Topic: Word Problem

Name:

Year 4:

### Exercise 1

Solve the given word problems using RUCSAC

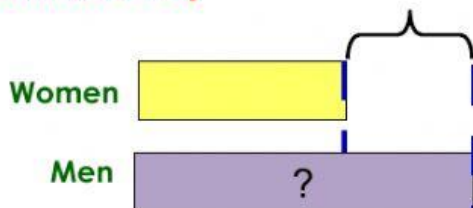
1) There were 18 565 women at a concert.

There were 9 173 more men than women at the concert.

a) How many men were there at the concert?

b) How many men and women were there at the concert altogether?

Step 1: answer for a)



working:

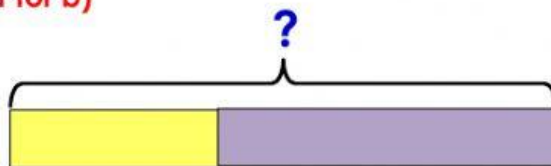
|  |   |   |   |   |   |
|--|---|---|---|---|---|
|  | 1 | 8 | 5 | 6 | 5 |
|  |   | 9 | 1 | 7 | 3 |
|  |   |   |   |   |   |

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There were  men at the concert.

Step 2: answer for b)



working:

|  |   |   |   |   |   |
|--|---|---|---|---|---|
|  | 1 | 8 | 5 | 6 | 5 |
|  |   |   |   |   |   |
|  |   |   |   |   |   |

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There were  men and women at the concert altogether.

2) Mr Matt deposited \$37 345 in a bank account on Monday.

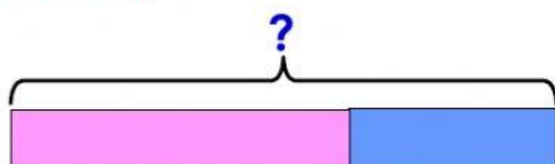
On Tuesday, he withdrew \$15 575.

He withdrew another \$10 050 on Wednesday.

a) How much did he withdraw altogether?

b) How much did he have left in the bank account at the end of Wednesday?

**Step 1: answer for a)**



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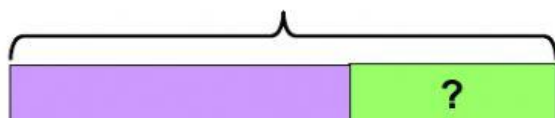
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**working:**

|  |   |   |   |   |   |
|--|---|---|---|---|---|
|  | 1 | 5 | 5 | 7 | 5 |
|  | 1 | 0 | 0 | 5 | 0 |
|  |   |   |   |   |   |

He withdrew \$  altogether.

**Step 2: answer for b)**



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**working:**

|  |   |              |    |   |   |
|--|---|--------------|----|---|---|
|  | 3 | <del>7</del> | 13 | 4 | 5 |
|  |   |              |    |   |   |
|  |   |              |    |   |   |

He had \$  left in the bank account at the end of Wednesday.