Name: _____   Date: _____

P3 Problem Sum Worksheet

Topic : Before and After

Topic 1: 1 Variable changed 1 variable constant - Question 1

A total of 1895 people attended a carnival. 768 of them were children while the rest were adults. There were same number of girls and boys at the carnival.

(a)   How many adults were there?

(b)   After some girls left the carnival, there were 3 times as many boys as girls remained at the carnival. How many girls continued to stay on at the carnival?

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Topic 2: Both variable changed – Question 1

In the morning, there were equal number of buses and vans in a car park.

In the afternoon, 90 buses and 54 vans left the car park.

After this, the number of vans in the car park became twice the number of buses in the car park.

(a)   How many buses were still in the car park in the afternoon?

(b)   How many vans were in the car park in the morning?

Topic 2: Both variable changed – Question 2

Macy had three times as many sweets as Nurul at first. After Nurul bought another 8 sweets and Macy gave away 10 sweets, Nurul and Macy had the same number of sweets. How many sweets did Nurul have at first?