**Learning Objective**

We are learning how to solve a natural world problem by using and applying our skills and knowledge of numberand multiplication.

**The Problem:**

One afternoon, at the human-made waterhole, a large bull elephant knocked the main camera with its trunk. The camera was still able to take a photograph, but only the animals’ legs were captured. In total there were 22 legs in the photo that belonged to a mixture of four-legged elephants and two-legged yellow-billed storks.

**How many elephants and how many storks might there be in the photo?**

**Recording:**

|  |  |  |
| --- | --- | --- |
|  | Addition of 4-legged and 2-legged animals e.g. 4 + 4 + 4 + 4 + ? + ? + ? = 22 | Number of animals |
| Answer 1 |  | Elephants \_\_\_\_\_\_\_\_Storks \_\_\_\_\_\_\_\_ |
| Answer 2 |  | Elephants \_\_\_\_\_\_\_\_Storks \_\_\_\_\_\_\_\_ |
| Answer 3 |  | Elephants \_\_\_\_\_\_\_\_Storks \_\_\_\_\_\_\_\_ |
|  |  |  |
|  |  |  |

You can either use the table below to help you record the number of elephants and yellow-billed storks at the waterhole, or you can choose your own method of recording.

**Look closely at your table of answers. Do you notice anything interesting about the numbers of elephants and the numbers of storks?**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_