Logo

Description automatically generated with low confidence**Learning Objective**

We are learning how to read, write and represent numbers up to 1,000.

**Challenge 1**

**Represent the numerals (highlighted in bold) in words, counters and base 10 blocks.**

A camel in the desert

Description automatically generated with medium confidence

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **A camel standing in a desert  Description automatically generated with medium confidence**  Bactrian camels shed their thick coats in summer when temperatures can reach **120 degrees** (Fahrenheit). | **Representations** |  | A dromedary camel can drink up to **145 litres** of water in one drinking session! | **Representations** |
| Words: | Words: |
|  |  |
| Counters: | Counters: |
|  |  |
| Base 10 blocks: | Base 10 Blocks: |
|  |  |

A camel walking in the desert

Description automatically generatedA picture containing mammal, camel, staring, close

Description automatically generated

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| The pregnancy period of a Bactrian camel is around **395 days.** | **Representations** |  | Camels have around **539 bones** in their body. | **Representations** |
| Words: | Words: |
|  |  |
| Counters: | Counters: |
|  |  |
| Base 10 blocks: | Base 10 Blocks: |
|  |  |

**Challenge 2**

Did you know that camels have been crossing the Sahara Desert for thousands of years? In this desert there is a huge sand dune that is **435 metres** high.

|  |  |
| --- | --- |
| Leon tried to make 435 using base 10 blocks: | Can you draw the missing pieces of base 10 in the space below? |
| Graphical user interface  Description automatically generated with low confidence |  |

**Challenge 3**

Here are the total distances that a dromedary camel called Dave travelled in a 4-month period:

|  |  |
| --- | --- |
| **Month** | **Distance travelled (km)** |
| September | Graphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidence  Graphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidence |
| March | Graphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidence |
| June | Graphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidenceGraphical user interface  Description automatically generated with low confidence |
| August | **100**  **10**  **1**  **1**  **1**  **10**  **10**  **1**  **100**  **10**  **1**  **100** |

1) Which month did Dave the camel travel the furthest distance? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

2) Which month did Dave the camel travel the shortest distance? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Rupert said, “Dave travelled the same distances in September and June.”*

3) Is Rupert right? Yes/No

How do you know? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4) What was the total distance travelled by Dave in this 4-month period? \_\_\_\_\_\_\_\_\_

Show your working out here: