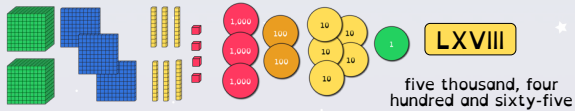


To be able to add 1s, 10s, 100s and 1,000s



#### Starter:

Which one doesn't belong?



Explain your answer.

To be able to add 1s, 10s, 100s and 1,000s



#### Activity 1:

Use mathematical equipment to help you complete the sentences below:



The number represented above is \_\_\_\_\_.

If we added 4 ones to the number, the new number would be \_\_\_\_\_.

If we added 4 tens to the number, the new number would be \_\_\_\_\_.

If we added 4 hundreds to the number, the new number would be \_\_\_\_\_.

If we added 4 thousands to the number, the new number would be \_\_\_\_\_.

To be able to add 1s, 10s, 100s and 1,000s



#### Activity 2:

Look at the number provided in the place value chart below.

| thousands | hundreds | tens | ones |
|-----------|----------|------|------|
| 5         | 0        | 8    | 3    |

Follow the instructions below:

- Subtract three ones;
- Add four tens;
- Add seven hundreds;
- Add two thousands.

The number is now:

To be able to add 1s, 10s, 100s and 1,000s



#### Activity 3:

Which of the following calculations are easier to complete?

- $8,743 - \text{two ones} =$
- $8,743 - \text{seven tens} =$
- $8,743 + \text{six hundreds} =$
- $8,743 - \text{five thousands} =$

Explain why some can be solved more quickly than others.

To be able to add 1s, 10s, 100s and 1,000s



#### Activity 4:

Adnaan wishes to complete the following calculation:  $5,423 + 199$ .

He is considering which strategies he can use. Could he...

- Add one hundred, one ten and nine ones
- Add two hundreds and subtract one one.
- Add two hundreds and subtract nine ones.
- Add one hundred, nine tens and nine ones.

What is the correct result? Which strategy or strategies are correct?

Explain your answers.

To be able to add 1s, 10s, 100s and 1,000s



#### Evaluation:

When I add more hundreds to the hundreds place, the thousands place doesn't change.

Is Astrobee's statement always, sometimes or never true?

Provide example to help explain your answer.