Slide 1

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

MathShed

Starter:

Which one doesn't belong?
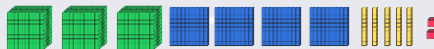
five thousand, four hundred and sixty-five

LXVIII

Explain your answer.

Slide 2

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MathShed

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 _____.

Slide 3

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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:

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Activity 3:

Which of the following calculations are easier to complete?

- 8,743 – two ones =
- 8,743 – seven tens =
- 8,743 + six hundreds =
- 8,743 – five thousands =

Explain why some can be solved more quickly than others.

Slide 5

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Activity 4:

Adnaan wishes to complete the following calculation: 5,423 + 199.
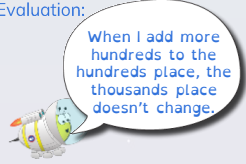He is considering which strategies he can use. Could he...

a) Add one hundred, one ten and nine ones
b) Add two hundreds and subtract one one.
c) Add two hundreds and subtract nine ones.
d) Add one hundred, nine tens and nine ones.

What is the correct result? Which strategy or strategies are correct?
Explain your answers.

Slide 6

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MathShed

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.