

May4th, 2016.

Division – 3digit by 1 digit.

Concrete representation

- Introducing the idea or a skill by acting it out with real objects.

Material: Base 10 blocks and a series of coloured POST-IT notes.

Step 1 – Introducing the place value of the given number 246, allowing them to identify each value.

Step 2 – Re-enact on how to divide with simple numbers first to the kids. E.g.: 2 hundreds to be equally given each to one person, 4 tens to be equally given of 2 tens each person, and so forth

Step 3 – Pairs of 2 in sharing the blocks or post-it notes equally. (246 divided by 2)

Step 4 – Conclude to the audience on what are they doing and why should the amount be given equally. (Reasoning)

Pictorial representation

- prior understanding on the earlier presentation (hands-on experience), kids will be allowed to enhance their understanding in diagram form or sketches. Reminding them to equally share the given amount.

Abstract representation

- represent using a mathematical notation or working to get the correct answer.

Expanded form of 246 to $200 + 40 + 6$ and divide them by 2