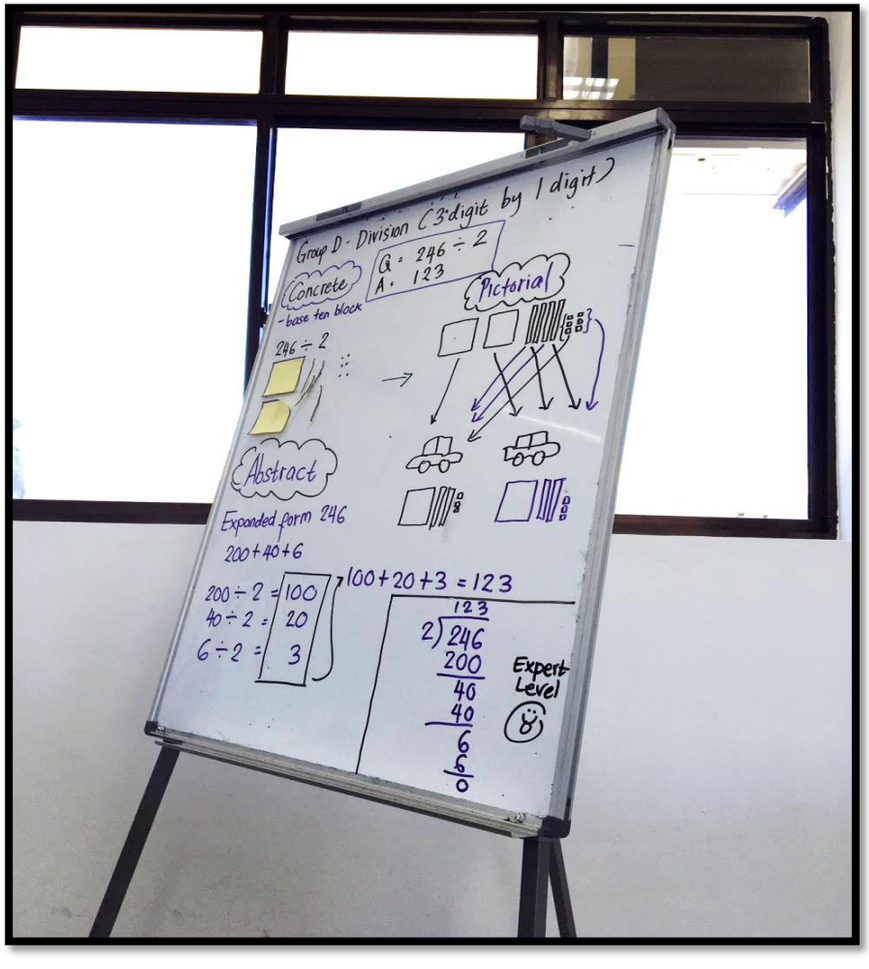
CPA Approach

May 4th,2016



246 ÷ 2

Group D - Division (3 digit by 1 digit)

Rohani, Sharinan, KKPFung, Hajah Tahnani

246 ÷ 2

Concrete Representation

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

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

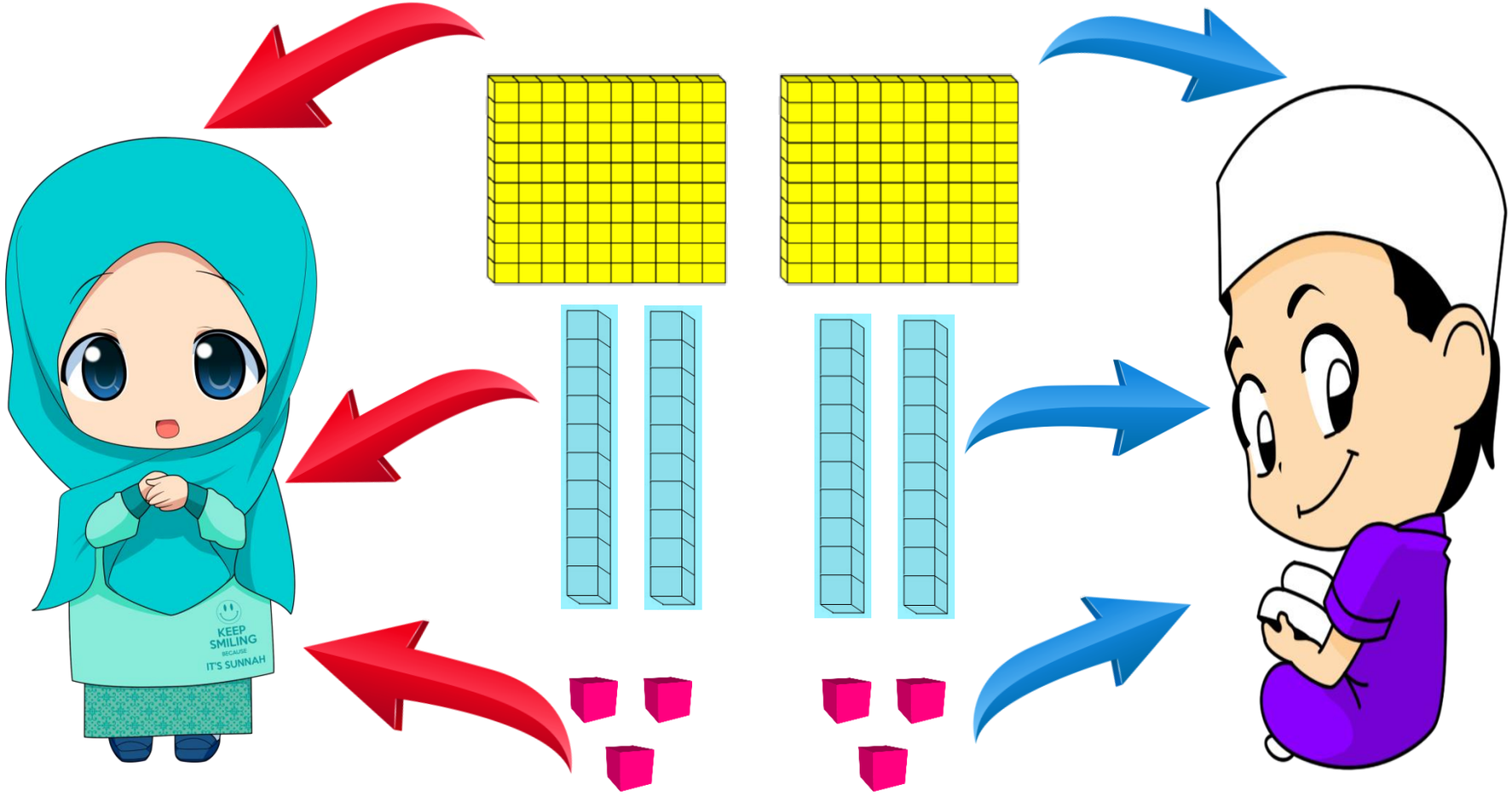
Step 2 – Re-enact on how to divide with simple numbers first to the kids. E.g.: 2 hundreds to be equally given each to one person, 4 tends to be equally given of 2 tens each person, and so forth

Step 3 – Peers 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)

Concrete Representation

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



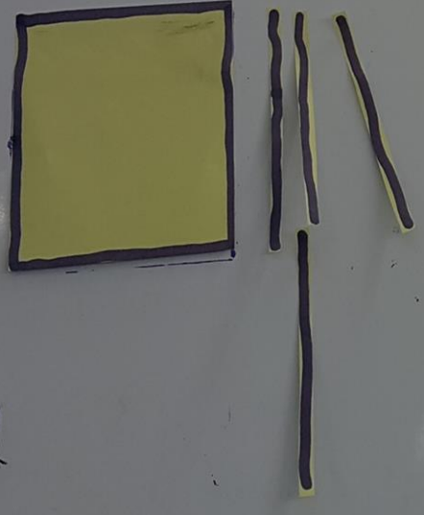
Group D - Division (3 digit by 1 digit)

Concrete

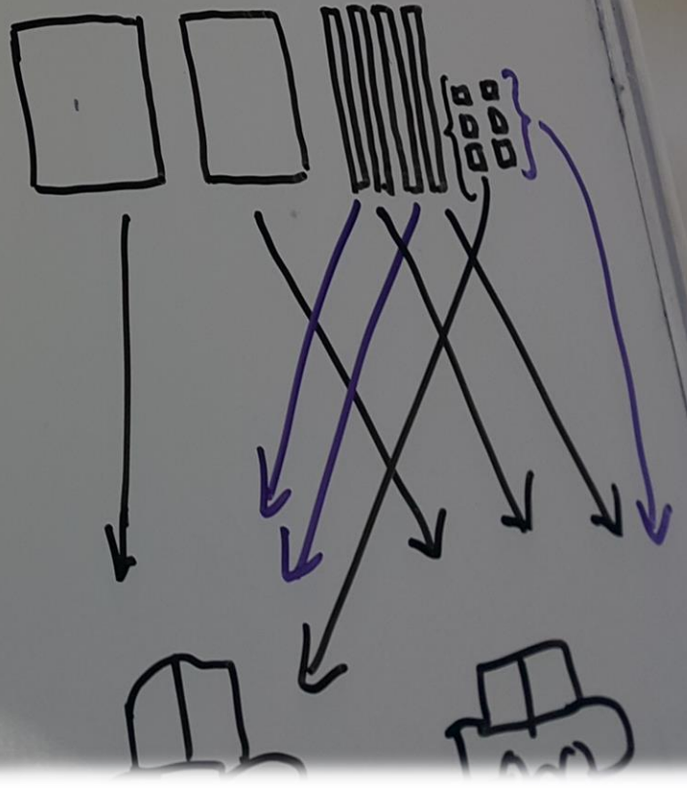
- base ten block

Q : 246 ÷ 2
A : 123

246 ÷ 2

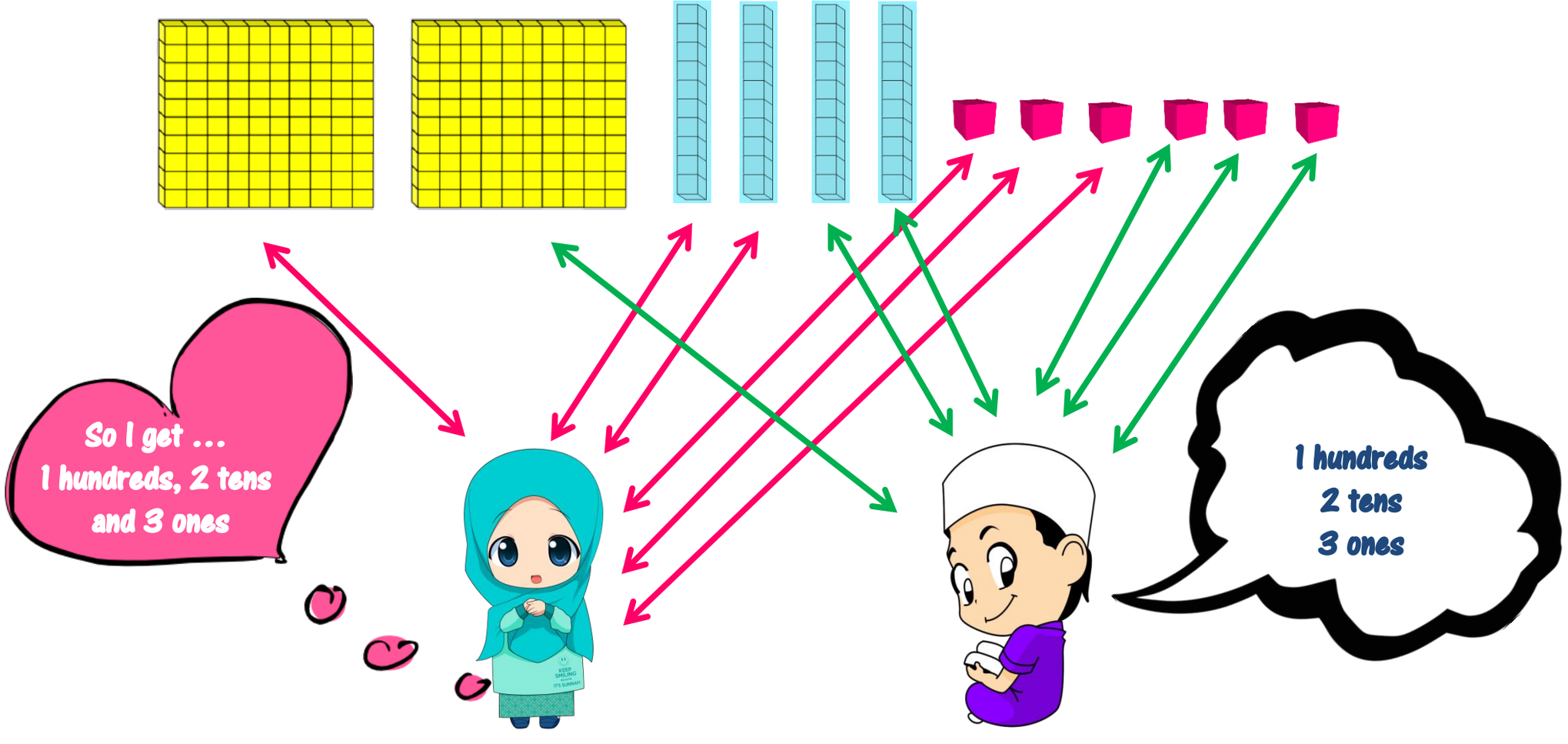


Pictorial



Pictorial Representation

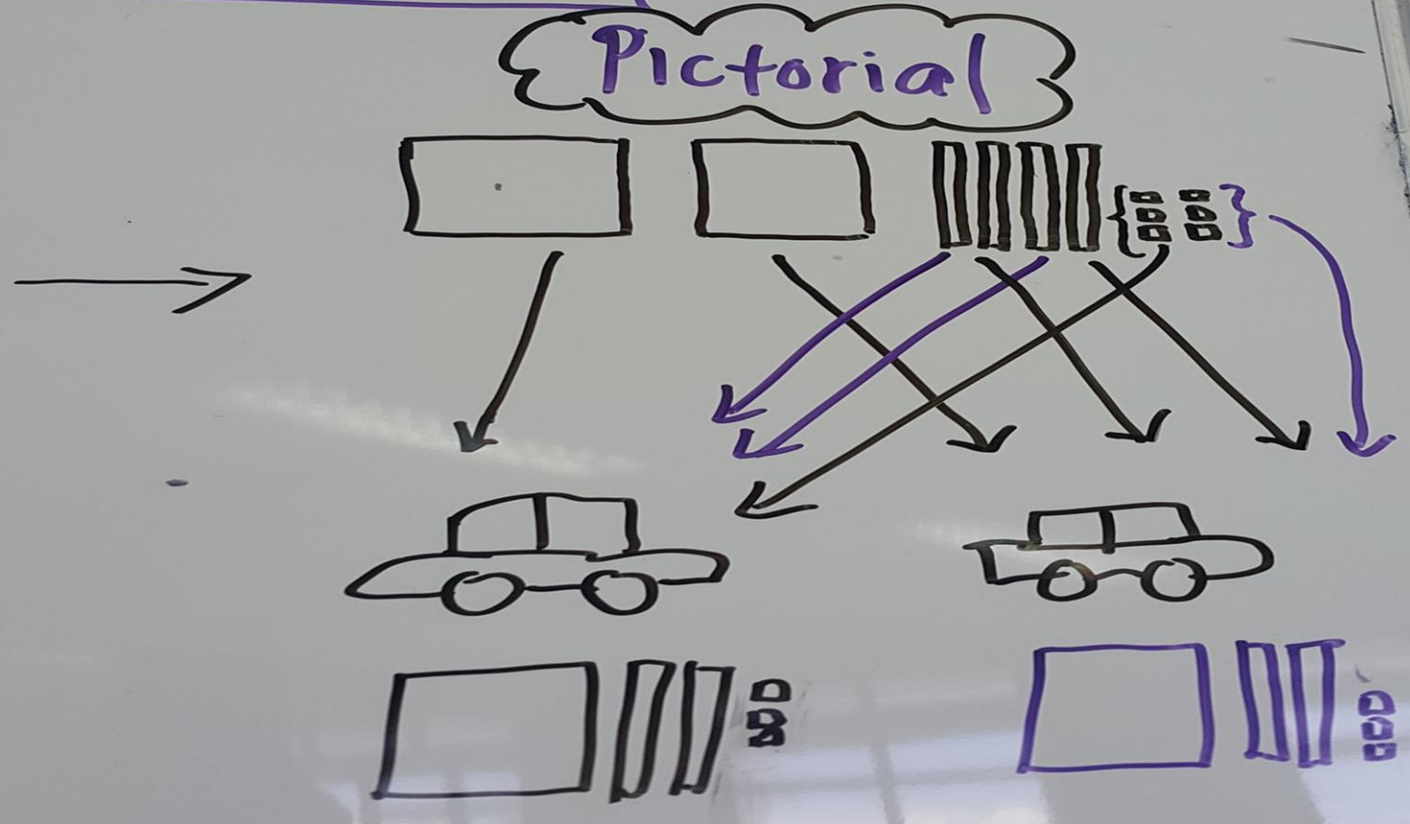
prior understanding on the earlier presentation (hands-on experience), kids will be allow to enhance their understanding in diagram form or sketches. Reminding them to equally shared the given amount.



on (3 digit by 1 digit)

= 246 ÷ 2
= 123

Pictorial



100 + 20 + 3 = 123

Abstract Representation

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

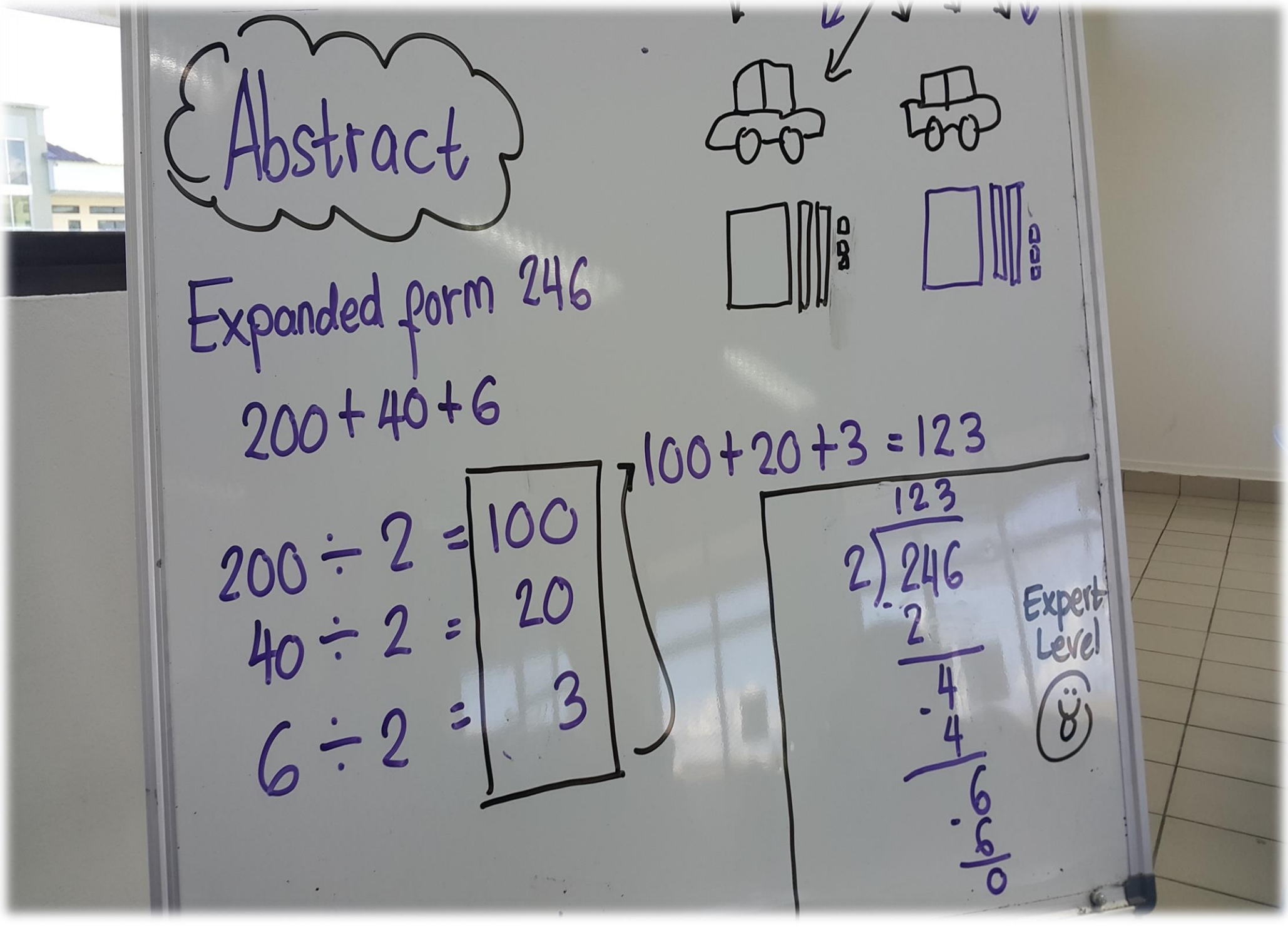
246 (expanded form) ÷ 2

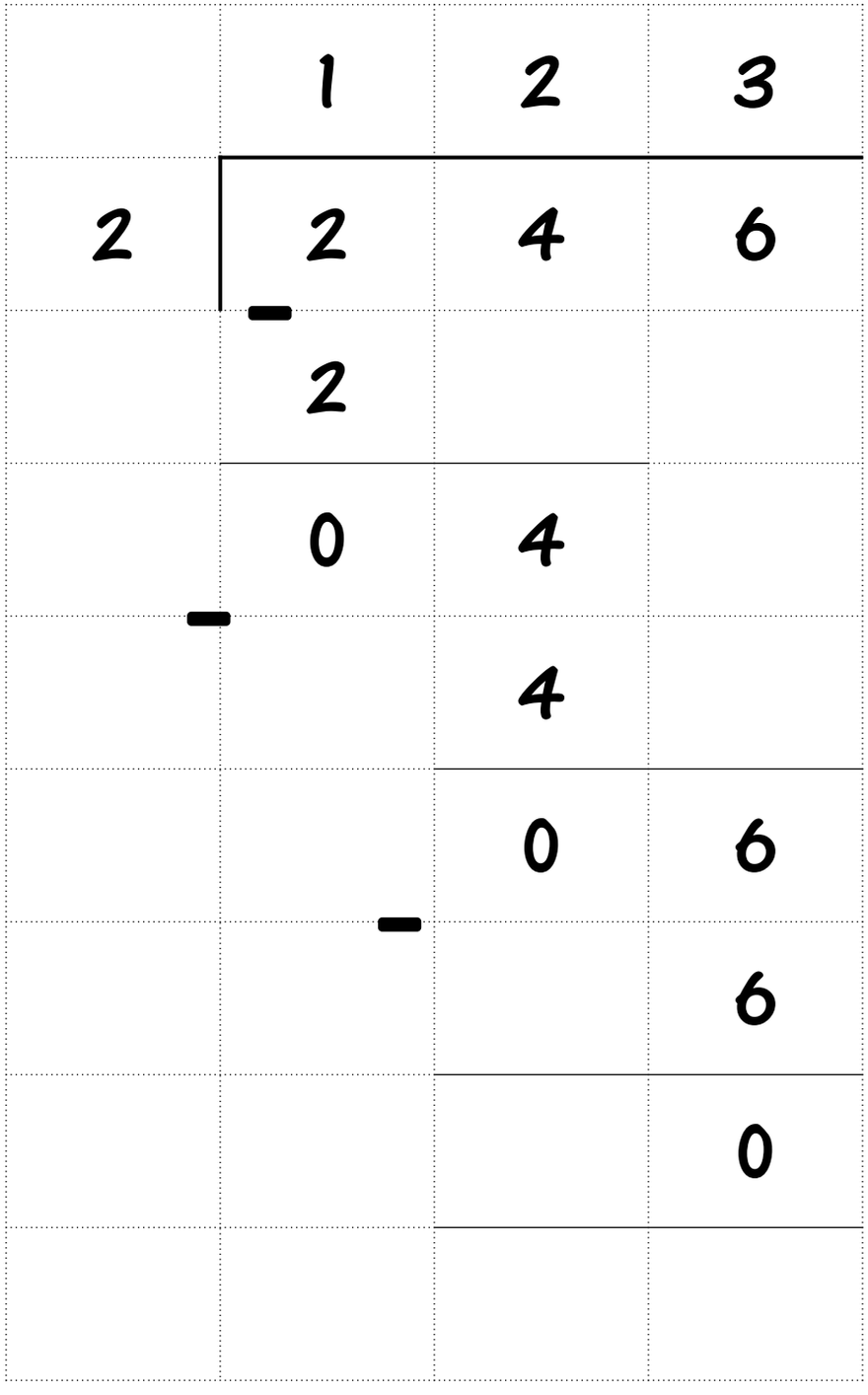
$200 \div 2 = 100$

$40 \div 2 = 20$

$6 \div 2 = 3$

$100 + 20 + 3 = 123$


Abstract
Expanded form 246
200 + 40 + 6
200 ÷ 2 = 100
40 ÷ 2 = 20
6 ÷ 2 = 3
100 + 20 + 3 = 123
123
2 | 246
- 2
4
- 4
6
- 6
0
Expert Level



Advanced Kids