

**My experience in applying
formative assessment
strategies in my classes:
An application in the
addition of rational numbers**

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Introduction

- The program helped :

- ✓ to improve the quality of the assessment of my students and
- ✓ their learning results.

- I realized I needed:

- ✓ to develop improvement strategies and personal action plans,
- ✓ to apply formative assessment to my lesson and
- ✓ to give students constructive feedback.

Along the way, I encountered several difficulties ...

- The time required to implement these action plans.
- Students were not at all familiar with these types of assessment.
- Students were facing my new assessment strategies for the first time.

Action in my classes



Using different assessment techniques

- Written and oral assessment.
- Performance Assessment .
- Recorded the results and identified the advantages and disadvantages

For example...

In the addition of rational numbers,

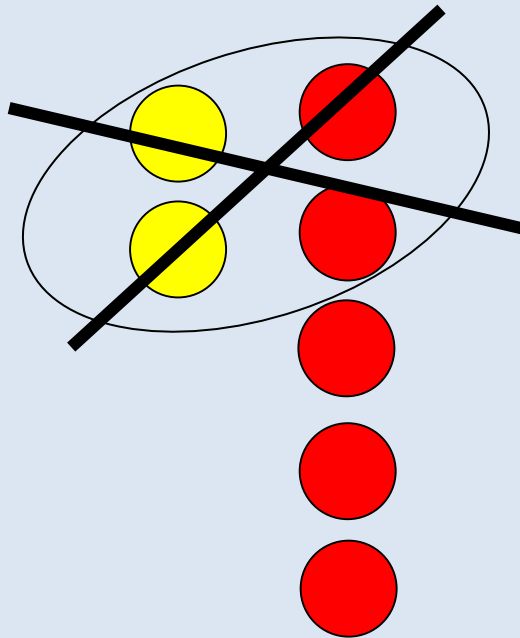
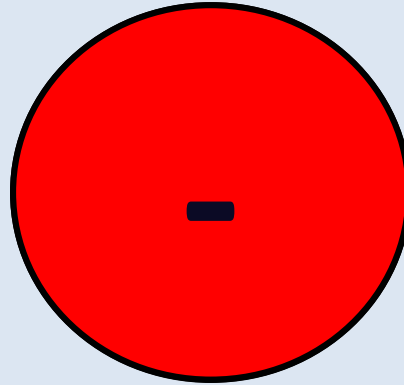
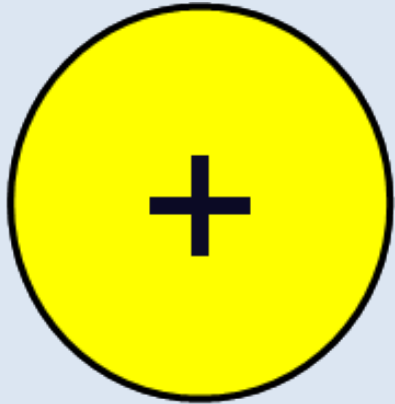
Activity 1-A Problem

Mary had 2 euros in her account.

Using her visa card, she bought goods worth 5 euros from the supermarket in her neighbourhood.

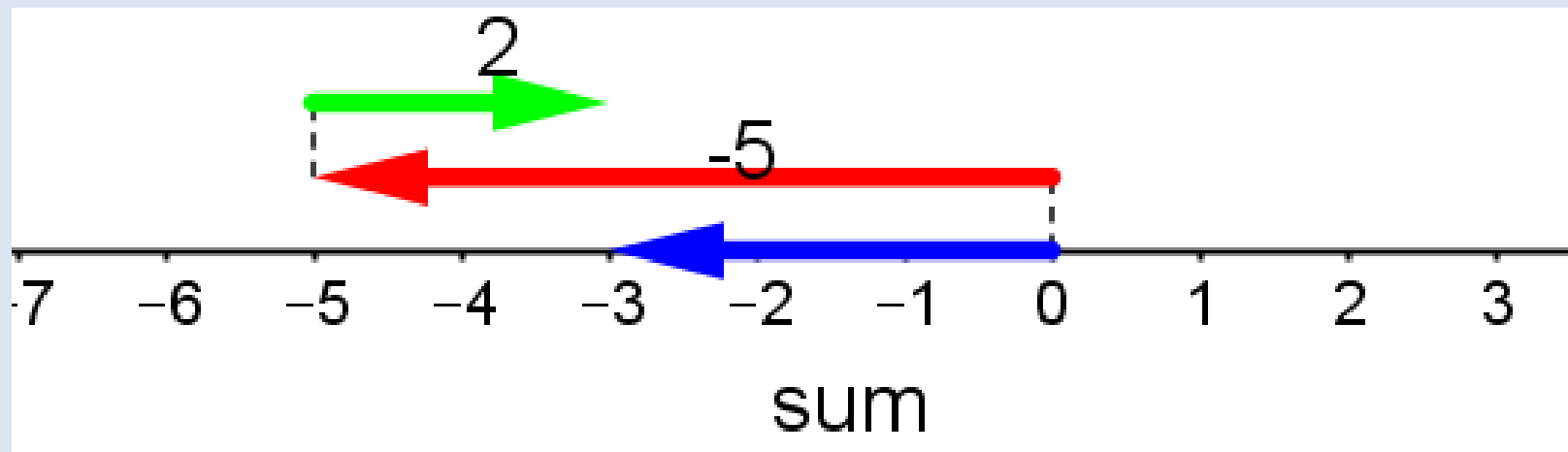
What is the current balance of her bank account?

Activity 2-Using math tiles



$$(+2) + (-5) = -3$$

Activity 3-Using the number line



$$(+2)+(-5) = -3$$

Activity 4-Using rules

$$(+2)+(+5)=$$

$$(-2)+(-5) =$$

$$(+2)+(-5) =$$

$$(-2)+(+5) =$$

Move α and β

$$\alpha = -5$$



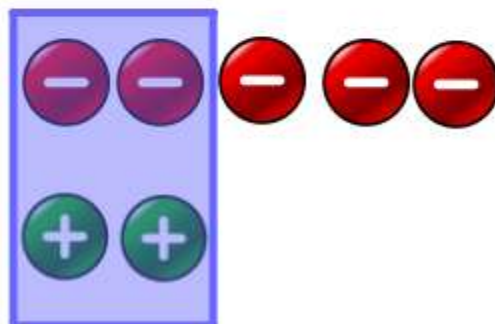
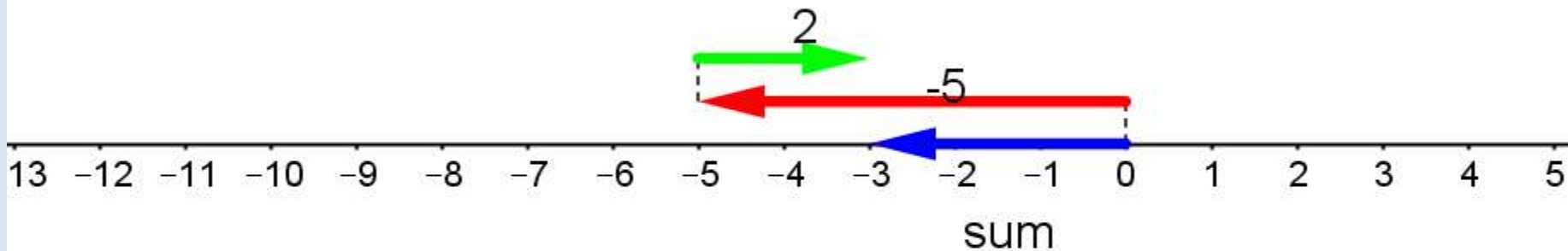
$$\beta = 2$$



$$(-5) + (2) =$$

ΕΠΑΝΑΦΟΡΑ

$$\ominus 5 \quad \oplus 2 = \ominus 3$$



Action in my classes



**Different assessment
techniques**

**Determine
Assessment Criteria**

Checklists

- To register the outcomes resulting from the different assessment techniques that I applied and
- To understand what my students know and what they can do in relation to the expected learning outcomes.

Action in my classes



**Different assessment
techniques**

**Determine
Assessment Criteria**

**Using a variety of
ways and
procedures**

Using a variety of ways and procedures

- I presented the process to my students and asked them to define the assessment criteria.
- I presented them with activities at different stages to help them determine how an activity evolves.
- I assigned my students the assessment of their work according to the assessment criteria we had already established.

Action in my classes

Different assessment techniques

Giving constructive feedback to the students

Portfolio

Determine Assessment Criteria

Using a variety of ways and procedures

Scheduled meetings of the programme

- Discussed experiences.
- Exchanged views.
- Made suggestions for the improvement of our action plans.

Thank you for
your
Attention!!!!...

