

MATHS AND ASSOCIATED TEACHING METHODS I (INITIAL SELF-ASSESSMENT)

1. Set theory. Logic:

In a classroom there are 30 students. From them, 15 play football and 20 play basketball. There are 10 students who do both sports.

- How many of them play only football?
- How many of them play any of the two sports?
- How many of them do not play any of the two sports?

2. Operations with natural numbers:

- a) $1659-683$
- b) 45×1240
- c) $788:32$

3. Multiples and divisors:

- a) Divisors of 12:
- b) Multiples of 12:
- c) Least common multiple of 6 and 20
- d) Greatest common divisor of 6 and 20

4. Operations with fractions:

- a) $\frac{3}{4} + \frac{1}{6} =$
- b) $\frac{1}{4} \times \frac{12}{11} =$
- c) $\frac{2}{6} : \frac{6}{14} =$

5. Decimal numbers:

- a) $41'34-5'7654$
- b) $18'45 \times 2'7$
- c) Order from the smallest to the greatest number: $10'43\bar{2}$; $10'\overline{432}$; $10'432$; $10'4\bar{3}2$

6. Why do you think it is necessary to teach Mathematics in Primary Education?

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