

Exercício 1008

2) i) 5EB x
5EB ✓

ii) True

ii) 12EB ✓

iii) True

iii) 14EB ✓

iv) 9EB x

9EB ✓

3) i) False
is True

ii) True
is True

iii) False
is True

iv) True

Exercício 1009

Exercise 10(c)

(b) Roster Form: $\{1, 2, 3, 4, 6, 8, 12, 24\}$

Set-Builder Form: $\{x: x \text{ are all the natural nos. that divide 24 completely}\}$

(c) Set-Builder Form: $\{x: x \text{ are odd nos. between 20 and 35}\}$

Roster Form: $\{21, 23, 25, 27, 29, 31, 33, 35\}$

(d) Set-Builder Form: $\{x: x \text{ are the set of letters used in word 'CALCUT - TA'}\}$

ii) Roster Form: $\{c, a, 1, c, t\}$

iv) Set-Builder Form: $\{x: x \text{ are the first five months of a year}\}$

Roster Form: $\{\text{January, February, March, April, May}\}$

v) Set-Builder Form: $\{x: x \text{ are 2-digit + perfect squares}\}$

Roster Form: $\{16, 25, 36, 49, 64, 81\}$

5) i) $\{1, 5, 15, 25\}$

ii) $\{18, 24, 30\}$

iii) $\{\text{Thursday, Friday, Saturday}\}$

iv) $\{\text{September, October, November, December}\}$