# RIGOUR
by cdmasterworks Ltd

Numeracy for Learning, Life and Work

rd Level
Number and Number Process
MNU 3-03b

Certificate
Bronze
Exercises | Homework | Homework Answers
Lifeskills | Assessments | Assessment Answers

## March National 🚂 Maths Calendar

#abitofmathseveryday

| | | | | | |
|---|---|---|---|---|---|
| | | | | | **1** $2 \cdot 1 \times 10^{12}$ metres |
| **2** No since $6922 \cdot 24 \neq 7616 \cdot 5$ | **3** m = ½ c = 5 | **4** a = 5 b = 6 | **5** $2\frac{1}{12}$ | **6** $x > 1$ | **7** $y = -x - 1$ |
| **8** Interior = 140° Exterior = 40° | **9** x = -2 and x = 4 | **10** $c = a\sqrt{b - d}$ | **11** $6k^3$ | **12** y = (x - 5)² - 24 | **13** $3x^3 - 25x^2 + 36x + 14$ |
| **14** 0·84375 m³ | **15** $9\sqrt{2}$ | **16** 25 | **17** $x = 7$ $y = -8$ | **18** $\dfrac{x - 8}{x + 3}$ | **19** £115 205·20 |
| **20** 0·3 mm | **21** t = 4, -4 | **22** y-intercept (0, 3) min T.P. at (1, 2) x = 1 | **23** x = 196·6°, x = 343·4° | **24** 3·87 | **25** $\dfrac{3\sqrt{14}}{7}$ |
| **26** 50·6 mm | **27** $\dfrac{3x - 34}{(x + 5)(x - 2)}$ | **28** $(3c + 7)(c - 1)$ | **29** £200 | **30** 26·1 cm | **31** $\sqrt{299}$ |