

Photocopiable Practice Papers

Written Arithmetic

Book E is for Year 5

By Helen Maden

Introduction

From May 2016 the English government introduced a written arithmetic paper for the end of Key Stage 2. Questions are context-free and assess number, calculations and fractions (noting that the 'fractions' strand in the 2014 national curriculum covers fractions, decimals and percentages). This book provides practice papers in a format that is similar to the actual Key Stage 2 test.

The six photocopiable tests can be used to familiarise pupils with the government test and/or used for assessment purposes as follows:

Test 1 – Autumn Term Baseline Assessment

Test 2 – Mid Autumn Term Assessment

Test 3 – End Autumn Term Assessment

Test 4 – Mid Spring Term Assessment

Test 5 – End Spring Term Assessment

Test 6 – Summer Term Assessment

Test scores indicate pupils working below, towards, at, above or mastery of English national standards in arithmetic.

This book is part of a whole school scheme, which covers all years from Year 2 to Year 6. Following the series will help to prepare children for National Tests in arithmetic at the end of both Year 2 and Year 6.

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33

$$\begin{array}{r} 374 \\ \times 12 \\ \hline \end{array}$$

2 marks

34

$$\begin{array}{r} 2846 \\ \times 46 \\ \hline \end{array}$$

2 marks

35

$$3 \overline{) 819}$$

2 marks

36

$$7 \overline{) 4837}$$

2 marks

Book E – Answers

Book E Test 1

- 1) 15
- 2) 49
- 3) 21
- 4) 40
- 5) 150
- 6) 4
- 7) 72
- 8) 10
- 9) $\frac{6}{15}$ or $\frac{2}{5}$
- 10) 10
- 11) 44
- 12) 624
- 13) $\frac{4}{8}$ or $\frac{2}{4}$ or $\frac{1}{2}$
- 14) 10
- 15) 97
- 16) 48
- 17) 60
- 18) 26
- 19) 7.5
- 20) 2.61
- 21) 50
- 22) 45
- 23) $1\frac{3}{5}$ or $\frac{8}{5}$
- 24) 7.4 or 7.40
- 25) 5.4
- 26) 3,041
- 27) 224
- 28) 8.6
- 29) $\frac{7}{9}$
- 30) 4
- 31) 490
- 32) 4
- 33) 4,059
- 34) 29,682
- 35) 109
- 36) 697

Book E Test 2

- 1) 17
- 2) 12
- 3) 96
- 4) 6
- 5) 9
- 6) 5
- 7) 36
- 8) 2
- 9) $\frac{8}{9}$
- 10) 240
- 11) 11.8
- 12) 226
- 13) 8
- 14) 44
- 15) 61
- 16) 160
- 17) 42
- 18) 60
- 19) 26
- 20) 2.76
- 21) 100
- 22) 100
- 23) 7.1 or 7.10
- 24) $2\frac{1}{5}$ or $\frac{11}{5}$
- 25) 50
- 26) 1,183
- 27) 10,216
- 28) 99.2
- 29) $\frac{6}{10}$ or $\frac{3}{5}$
- 30) 180
- 31) 80
- 32) 12
- 33) 2,981
- 34) 94,297
- 35) 86
- 36) 4,482

Book E Test 3

- 1) 60
- 2) 59
- 3) 64
- 4) 132
- 5) 28.5 or $28\frac{1}{2}$
- 6) 71
- 7) 63
- 8) $\frac{9}{16}$
- 9) 4
- 10) 4
- 11) $\frac{5}{7}$
- 12) 11.3
- 13) 14.5 or $14\frac{1}{2}$
- 14) 12.5 or $12\frac{1}{2}$
- 15) 27
- 16) 20
- 17) 320
- 18) 54
- 19) 2.54
- 20) 30
- 21) 111
- 22) 10,811
- 23) 1.3
- 24) 7 or 7.0 or 7.00
- 25) $3\frac{5}{9}$ or $\frac{32}{9}$
- 26) 494
- 27) 1,020
- 28) 52.1
- 29) 6
- 30) 300
- 31) 280
- 32) $\frac{13}{15}$
- 33) 5,082
- 34) 114,064
- 35) 244
- 36) 811