Paper 1: mark scheme

40 marks. Long multiplication and long division carry 2 marks: award 1 for a correct formal method with the wrong answer.

Q	Question	Answer	Mk	Accept
1	3,030,600 = 3,000,000 + 30,000 + ☐	600	1	This value only. Not a rounded or truncated decimal.
2	279 + ☐ = 785	506	1	This value only. Not a rounded or truncated decimal.
3	37 × 3 =	111	1	This value only. Not a rounded or truncated decimal.
4	836 − 339 =	497	1	This value only. Not a rounded or truncated decimal.
5	6,440 + 6,476 =	12,916	1	This value only. Not a rounded or truncated decimal.
6	☐ ÷ 8 = 8	64	1	This value only. Not a rounded or truncated decimal.
7	295 × 9 =	2,655	1	This value only. Not a rounded or truncated decimal.
8	☐ × 7,146 = 0	0	1	This value only. Not a rounded or truncated decimal.
9	374 × 3 =	1,122	1	This value only. Not a rounded or truncated decimal.
10	6 × 4 × 10 =	240	1	This value only. Not a rounded or truncated decimal.
11	6.93 + 6.29 =	13.22	1	This value only. Not a rounded or truncated decimal.
12	50 × 8 =	400	1	This value only. Not a rounded or truncated decimal.
13	41.7 + 29.72 =	71.42	1	This value only. Not a rounded or truncated decimal.
14	12,283 + 78,135 =	90,418	1	This value only. Not a rounded or truncated decimal.
15	62 − 7.8 =	54.2	1	This value only. Not a rounded or truncated decimal.
16	1,404 ÷ 4 =	351	1	This value only. Not a rounded or truncated decimal.
17	577 × 100 =	57,700	1	This value only. Not a rounded or truncated decimal.
18	$\frac{1}{2} + \frac{1}{8}$ =	5/8	1	Any equivalent fraction or mixed number, or the exact decimal.
19	3^3 =	27	1	This value only. Not a rounded or truncated decimal.
20	$\frac{2}{3}$ × 45 =	30	1	Any equivalent fraction or mixed number, or the exact decimal.
21	$\frac{1}{2} \times \frac{4}{5}$ =	2/5	1	Any equivalent fraction or mixed number, or the exact decimal.
22	$2\frac{1}{2}$ × 20 =	50	1	Any equivalent fraction or mixed number, or the exact decimal.
23	84.24 × 10 =	842.4	1	This value only. Not a rounded or truncated decimal.
24	9 + 4 × 7 =	37	1	This value only. Not a rounded or truncated decimal.
25	6.02 × 8 =	48.16	1	This value only. Not a rounded or truncated decimal.
26	10% of 1,900 =	190	1	This value only. Not a rounded or truncated decimal.
27	663 × 28 =	18,564	2	This value only. Not a rounded or truncated decimal.

Q	Question	Answer	Mk	Accept
28	$\frac{1}{2} + \frac{3}{5} =$	1 1/10	1	Any equivalent fraction or mixed number, or the exact decimal.
29	945 ÷ 63 =	15	2	This value only. Not a rounded or truncated decimal.
30	25% of 680 =	170	1	This value only. Not a rounded or truncated decimal.
31	$2\frac{1}{7} + \frac{1}{3} =$	2 10/21	1	Any equivalent fraction or mixed number, or the exact decimal.
32	2,143 × 54 =	115,722	2	This value only. Not a rounded or truncated decimal.
33	17% of 2,400 =	408	1	This value only. Not a rounded or truncated decimal.
34	$2\frac{1}{2} - 1\frac{7}{9} =$	13/18	1	Any equivalent fraction or mixed number, or the exact decimal.
35	$\frac{1}{2} \div 5 =$	1/10	1	Any equivalent fraction or mixed number, or the exact decimal.
36	1,210 ÷ 22 =	55	2	This value only. Not a rounded or truncated decimal.