Paper 2: 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	3,294 = 3,000 + 200 + ☐ + 4	90	1	This value only. Not a rounded or truncated decimal.
2	181 + 372 =	553	1	This value only. Not a rounded or truncated decimal.
3	19 × 4 =	76	1	This value only. Not a rounded or truncated decimal.
4	☐ = 543 − 114	429	1	This value only. Not a rounded or truncated decimal.
5	3,951 + 7,055 =	11,006	1	This value only. Not a rounded or truncated decimal.
6	28 ÷ ☐ = 7	4	1	This value only. Not a rounded or truncated decimal.
7	756 × 6 =	4,536	1	This value only. Not a rounded or truncated decimal.
8	☐ ÷ 5 = 40	200	1	This value only. Not a rounded or truncated decimal.
9	494 × 4 =	1,976	1	This value only. Not a rounded or truncated decimal.
10	3,676 × 0 =	0	1	This value only. Not a rounded or truncated decimal.
11	7.66 + 6.29 =	13.95	1	This value only. Not a rounded or truncated decimal.
12	7 × 3 × 5 =	105	1	This value only. Not a rounded or truncated decimal.
13	7.461 + 43.3 =	50.761	1	This value only. Not a rounded or truncated decimal.
14	17,422 + 41,008 =	58,430	1	This value only. Not a rounded or truncated decimal.
15	7 − 5.9 =	1.1	1	This value only. Not a rounded or truncated decimal.
16	5,166 ÷ 7 =	738	1	This value only. Not a rounded or truncated decimal.
17	973 × 1,000 =	973,000	1	This value only. Not a rounded or truncated decimal.
18	$\frac{1}{3} + \frac{1}{6}$ =	1/2	1	Any equivalent fraction or mixed number, or the exact decimal.
19	11^2 =	121	1	This value only. Not a rounded or truncated decimal.
20	256 × $\frac{3}{8}$ =	96	1	Any equivalent fraction or mixed number, or the exact decimal.
21	$\frac{2}{3} \times \frac{3}{8}$ =	1/4	1	Any equivalent fraction or mixed number, or the exact decimal.
22	$2\frac{5}{8}$ × 42 =	110 1/4	1	Any equivalent fraction or mixed number, or the exact decimal.
23	12.05 × 10 =	120.5	1	This value only. Not a rounded or truncated decimal.
24	9 × 9 − 3 =	78	1	This value only. Not a rounded or truncated decimal.
25	2.07 × 5 =	10.35	1	This value only. Not a rounded or truncated decimal.
26	49% of 900 =	441	1	This value only. Not a rounded or truncated decimal.
27	127 × 21 =	2,667	2	This value only. Not a rounded or truncated decimal.

Q	Question	Answer	Mk	Accept
28	$2\frac{1}{2} - 1\frac{6}{7} =$	9/14	1	Any equivalent fraction or mixed number, or the exact decimal.
29	720 ÷ 45 =	16	2	This value only. Not a rounded or truncated decimal.
30	70% of 1,720 =	1,204	1	This value only. Not a rounded or truncated decimal.
31	$\frac{3}{4} - \frac{2}{5} =$	7/20	1	Any equivalent fraction or mixed number, or the exact decimal.
32	7,666 × 97 =	743,602	2	This value only. Not a rounded or truncated decimal.
33	25% of 780 =	195	1	This value only. Not a rounded or truncated decimal.
34	$2\frac{1}{3} + 2\frac{5}{7} =$	5 1/21	1	Any equivalent fraction or mixed number, or the exact decimal.
35	$\frac{3}{5} \div 4 =$	3/20	1	Any equivalent fraction or mixed number, or the exact decimal.
36	5,100 ÷ 34 =	150	2	This value only. Not a rounded or truncated decimal.