Paper 3: 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	$\square - 10 = 665$	675	1	This value only. Not a rounded or truncated decimal.
2	$\square = 515 - 324$	191	1	This value only. Not a rounded or truncated decimal.
3	$18 \times 3 =$	54	1	This value only. Not a rounded or truncated decimal.
4	$298 + 233 =$	531	1	This value only. Not a rounded or truncated decimal.
5	$8{,}775 - 5{,}146 =$	3,629	1	This value only. Not a rounded or truncated decimal.
6	$36 \div \square = 4$	9	1	This value only. Not a rounded or truncated decimal.
7	$332 \times 4 =$	1,328	1	This value only. Not a rounded or truncated decimal.
8	$40 \times 5 =$	200	1	This value only. Not a rounded or truncated decimal.
9	$502 \times 9 =$	4,518	1	This value only. Not a rounded or truncated decimal.
10	$\square \times 1{,}217 = 0$	0	1	This value only. Not a rounded or truncated decimal.
11	$9.08 - 6.25 =$	2.83	1	This value only. Not a rounded or truncated decimal.
12	$2 \times 7 \times 2 =$	28	1	This value only. Not a rounded or truncated decimal.
13	$12.2 - 9.42 =$	2.78	1	This value only. Not a rounded or truncated decimal.
14	$88{,}124 - 16{,}068 =$	72,056	1	This value only. Not a rounded or truncated decimal.
15	$13 - 8.27 =$	4.73	1	This value only. Not a rounded or truncated decimal.
16	$3{,}224 \div 4 =$	806	1	This value only. Not a rounded or truncated decimal.
17	$2{,}762 \div 100 =$	27.62	1	This value only. Not a rounded or truncated decimal.
18	$\frac{1}{4} - \frac{1}{12} =$	1/6	1	Any equivalent fraction or mixed number, or the exact decimal.
19	$2^3 =$	8	1	This value only. Not a rounded or truncated decimal.
20	$3\frac{2}{5} \times 20 =$	68	1	Any equivalent fraction or mixed number, or the exact decimal.
21	$\frac{4}{5} \times \frac{1}{3} =$	4/15	1	Any equivalent fraction or mixed number, or the exact decimal.
22	$100 \times \frac{4}{5} =$	80	1	Any equivalent fraction or mixed number, or the exact decimal.
23	$2.58 \div 10 =$	0.258	1	This value only. Not a rounded or truncated decimal.
24	$8 \times 3 - 18 =$	6	1	This value only. Not a rounded or truncated decimal.
25	$4.36 \times 5 =$	21.8	1	This value only. Not a rounded or truncated decimal.
26	56% of 2,400 =	1,344	1	This value only. Not a rounded or truncated decimal.
27	$9{,}384 \times 45 =$	422,280	2	This value only. Not a rounded or truncated decimal.

Q	Question	Answer	Mk	Accept
28	$5\frac{2}{3} - 2\frac{3}{4} =$	2 11/12	1	Any equivalent fraction or mixed number, or the exact decimal.
29	2,864 ÷ 16 =	179	2	This value only. Not a rounded or truncated decimal.
30	30% of 1,720 =	516	1	This value only. Not a rounded or truncated decimal.
31	$\frac{1}{2} + \frac{8}{9} =$	1 7/18	1	Any equivalent fraction or mixed number, or the exact decimal.
32	840 × 96 =	80,640	2	This value only. Not a rounded or truncated decimal.
33	55% of 660 =	363	1	This value only. Not a rounded or truncated decimal.
34	$2\frac{1}{3} + 1\frac{1}{2} =$	3 5/6	1	Any equivalent fraction or mixed number, or the exact decimal.
35	$\frac{3}{7} \div 5 =$	3/35	1	Any equivalent fraction or mixed number, or the exact decimal.
36	880 ÷ 55 =	16	2	This value only. Not a rounded or truncated decimal.