Practice Paper 3 Mark Scheme



1 37 + 749 786 1m Accept equivalent fractions or an exact decimal equivalent fractions or an exact decimal of the recurring digits). Do not accept rounded or truncated decimals. 2 $\frac{6}{7} - \frac{2}{7}$ $\frac{4}{7}$ 1m Accept equivalent fractions or an exact decimal equivalent fractions or an exact decimal of the recurring digits). Do not accept rounded or truncated decimals. 3 2×35 70 1m Accept equivalent fractions or an exact decimal equivalent fractions. 4 908 ÷ 1 908 1m Im Accept equivalent fractions. 5 55 ÷ 11 5 1m Im Im 6 $8 \times 3 \times 10$ 240 1m Im 7 7.015 - 403 6.612 1m Im 8 10 - 3² 1 1m Im 9 39.55 + 8.7 48.25 1m Im 10 ? - 20 = 286 306 1m Im 12 8,100 + 9 900 1m Im 13 90 ÷ 30 3 1m Im 14 ? = 2.863 - 457 2.406 1m Im 16 10 - 5.9		Question	Answer	Mark	Additional Guidance
2 $\frac{6}{7} - \frac{2}{7}$ $\frac{4}{7}$ Imequivalent (accept any unambiguous indication of the recurring digits). Do not accept rounded or truncated decimals.3 2×35 70Im4 $908 \div 1$ 908Im5 $55 \div 11$ 5Im6 $8 \times 3 \times 10$ 240Im7 $7.015 - 403$ 6.612 Im8 $10 - 3^2$ 1Im9 $39.55 \div 8.7$ 48.25Im10 $7 - 20 = 286$ 306 Im11 $320 \div 4$ 80Im12 $8.100 \div 9$ 900Im13 $90 \div 30$ 3Im14 $7 = 2.863 - 457$ 2.406 Im15 $3.700.009 =$ $3.000.000 + ? + 9$ Im16 $10 - 5.9$ 4.1Im17 $\frac{2}{7} + \frac{15}{28}$ $\frac{23}{28}$ Im18 $0.7 \div 100$ 0.007 Im19 $\frac{3}{4}$ of 1.600 1.200 Im20 528×26 13.728 $2m$ 20 528×26 13.728 $2m$	1	37 + 749	786	1m	
4 908 ÷ 1 908 1m 5 $55 \div 11$ 5 1m 6 $8 \times 3 \times 10$ 240 1m 7 $7.015 - 403$ 6.612 1m 8 $10 - 3^2$ 1 1m 9 $39.55 + 8.7$ 48.25 1m 10 $? - 20 = 286$ 306 1m 11 $320 \div 4$ 80 1m 12 $8.100 \div 9$ 900 1m 13 $90 \div 30$ 3 1m 14 $? = 2.863 - 457$ 2.406 1m 15 $3.700.009 = 3.000,000 + ? + 9$ 700.000 1m 16 $10 - 5.9$ 4.1 1m 17 $\frac{2}{7} + \frac{15}{28}$ $\frac{23}{28}$ $1m$ 18 $0.7 \div 100$ 0.007 1m Accept equivalent fractions or an exact decimal equivalent fractions. 19 $\frac{3}{4}$ of 1,600 1.200 1m Im 20 528×26 13.728 $2m$ Working must be carried through to reach a final answer for the award of ONE mark. 20	2	$\frac{6}{7} - \frac{2}{7}$	<u>4</u> 7	1m	equivalent (accept any unambiguous indication of the recurring digits). Do not accept rounded or
5 55 ÷ 11 5 1m 6 8 × 3 × 10 240 1m 7 7.015 - 403 6.612 1m 8 10 - 3 ² 1 1m 9 39.55 + 8.7 48.25 1m 10 ? - 20 = 286 306 1m 11 320 ÷ 4 80 1m 12 8.100 ÷ 9 900 1m 13 90 ÷ 30 3 1m 14 ? = 2,863 - 457 2,406 1m 15 3.700.009 = 3.000.000 + ? + 9 700.000 1m 16 10 - 5.9 4.1 1m 17 $\frac{2}{7} + \frac{15}{28}$ $\frac{23}{28}$ 1m 18 0.7 ÷ 100 0.007 1m Accept equivalent fractions. 19 $\frac{3}{4}$ of 1,600 1.200 1m Working must be carried through to reach a final answer for the award of ONE mark. 20 528×26 13.728 $2m$ Do not award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens.	3	2 × 35	70	1m	
6 8 × 3 × 10 240 Im 7 7,015 - 403 6,612 Im 8 10 - 3² 1 Im 9 39.55 + 8.7 48.25 Im 10 ? - 20 = 286 306 Im 11 320 + 4 80 Im 12 8,100 + 9 900 Im 13 90 + 30 3 Im 14 ? = 2,863 - 457 2,406 Im 15 3,700,009 = 3,000,000 + ? + 9 700,000 Im 16 10 - 5.9 4.1 Im 17 $\frac{2}{7} + \frac{15}{28}$ $\frac{23}{28}$ Im 18 0.7 ÷ 100 0.007 Im Accept equivalent fractions. 19 $\frac{3}{4}$ of 1,600 1,200 Im Im 20 528 × 26 13,728 2m Working must be carried through to reach a final answer for the award of ONE mark. 20 528 × 26 13,728 2m Working must be carried through to reach a final answer for the award of ONE mark.	4	908 ÷ 1	908	1m	
7 7.015 - 403 6.612 1m 8 10 - 3² 1 1m 9 39.55 + 8.7 48.25 1m 10 ? - 20 = 286 306 1m 11 320 ÷ 4 80 1m 12 8.100 ÷ 9 900 1m 13 90 ÷ 30 3 1m 14 ? = 2.863 - 457 2.406 1m 15 3.700,009 = 3.000,000 + ? + 9 700,000 1m 16 10 - 5.9 4.1 1m 17 $\frac{2}{7}$ + $\frac{15}{28}$ $\frac{23}{28}$ 1m 18 0.7 ÷ 100 0.007 1m 19 $\frac{3}{4}$ of 1,600 1,200 1m 20 528×26 13.728 $2m$ Working must be carried through to reach a final answer for the award of ONE mark. 20 528×26 13.728 $2m$ Working must be carried through to reach a final answer for the award of ONE mark.	5	55 ÷ 11	5	1m	
8 10 - 3 ² 1 1m 9 39.55 + 8.7 48.25 1m 10 ? - 20 = 286 306 1m 11 320 ÷ 4 80 1m 12 8,100 ÷ 9 900 1m 13 90 ÷ 30 3 1m 14 ? = 2,863 - 457 2.406 1m 15 3,700,009 = 3,000,000 + ? + 9 700,000 1m 16 10 - 5.9 4.1 1m 17 $\frac{2}{7} + \frac{15}{28}$ $\frac{23}{28}$ 1m Accept equivalent fractions or an exact decimal equivalent (accept any unambiguous indication of the recurring digits). Do not accept rounded or truncated decimals. 18 0.7 ÷ 100 0.007 1m Accept equivalent fractions. 19 $\frac{3}{4}$ of 1.600 1.200 1m 20 528 × 26 13.728 2m On ot award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens.	6	8 × 3 × 10	240	1m	
9 $39.55 + 8.7$ 48.25 1m 10 ? - 20 = 286 306 1m 11 $320 \div 4$ 80 1m 12 $8,100 \div 9$ 900 1m 13 $90 \div 30$ 3 1m 14 ? = 2,863 - 457 $2,406$ 1m 15 $3,700,009 =$ $700,000$ 1m 16 $10 - 5.9$ 4.1 1m 16 $10 - 5.9$ 4.1 1m 17 $\frac{2}{7} + \frac{15}{28}$ $\frac{23}{28}$ $1m$ 18 $0.7 \div 100$ 0.007 1m 19 $\frac{3}{4}$ of $1,600$ $1,200$ 1m 20 528×26 13.728 $2m$ Working must be carried through to reach a final answer for the award of ONE mark. 20 528×26 13.728 $2m$ Working must be carried through to reach a final answer for the award of ONE mark.	7	7,015 - 403	6,612	1m	
10 $? - 20 = 286$ 306 1m 11 $320 \div 4$ 80 1m 12 $8,100 \div 9$ 900 1m 13 $90 \div 30$ 3 1m 14 $? = 2,863 - 457$ 2,406 1m 15 $3,700,009 =$ 700,000 1m 16 $10 - 5.9$ 4.1 1m 17 $\frac{2}{7} + \frac{15}{28}$ $\frac{23}{28}$ 1m 18 $0.7 \div 100$ 0.007 1m 19 $\frac{3}{4}$ of $1,600$ 1,200 1m 20 528×26 13.728 $2m$ $2m$ $2m$ $2m$ $2m$ Working must be carried through to reach a final answer for the award of ONE mark.	8	10 - 3 ²	1	1m	
11 $320 \div 4$ 80 1m 12 $8,100 \div 9$ 900 1m 13 $90 \div 30$ 3 1m 14 ? = 2,863 - 457 2,406 1m 15 $3,700,009 =$ $3,000,000 + ? + 9$ 700,000 1m 16 $10 - 5.9$ 4.1 1m 17 $\frac{2}{7} + \frac{15}{28}$ $\frac{23}{28}$ 1m 18 $0.7 \div 100$ 0.007 1m 19 $\frac{3}{4}$ of 1,600 1,200 1m 20 528×26 13,728 2m Working must be carried through to reach a final answer for the award of ONE mark. 20 528×26 13,728 2m Working must be carried through to reach a final answer for the award of ONE mark.	9	39.55 + 8.7	48.25	1m	
12 8,100 ÷ 9 900 1m 13 90 ÷ 30 3 1m 14 ? = 2,863 - 457 2,406 1m 15 $3,700,009 =$ $3,000,000 + ? + 9$ 700,000 1m 16 10 - 5.9 4.1 1m 17 $\frac{2}{7} + \frac{15}{28}$ $\frac{23}{28}$ 1m 18 0.7 ÷ 100 0.007 1m 19 $\frac{3}{4}$ of 1,600 1,200 1m 20 528×26 13,728 2m 2m Working must be carried through to reach a final answer for the award of ONE mark. Do not award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens.	10	? - 20 = 286	306	1m	
1390 ÷ 3031m14? = 2,863 - 4572,4061m15 $3,700,009 =$ $3,000,000 + ? + 9$ 700,0001m1610 - 5.94.11m17 $\frac{2}{7} + \frac{15}{28}$ $\frac{23}{28}$ 1m180.7 ÷ 1000.0071m19 $\frac{3}{4}$ of 1,6001,2001m20 528×26 13,7282m20 528×26 13,7282m	11	320 ÷ 4	80	1m	
14? = 2,863 - 4572.4061m15 $3,700,009 = \\ 3,000,000 + ? + 9$ 700,0001m1610 - 5.94.11m17 $\frac{2}{7} + \frac{15}{28}$ $\frac{23}{28}$ 1m18 $0.7 \div 100$ 0.0071m19 $\frac{3}{4}$ of 1,6001.2001m20 528×26 13,7282m	12	8,100 ÷ 9	900	1m	
15 $3,700,009 =$ $3,000,000 + ? + 9$ 700,0001m16 $10 - 5.9$ 4.11m17 $\frac{2}{7} + \frac{15}{28}$ $\frac{23}{28}$ 1mAccept equivalent fractions or an exact decimal equivalent (accept any unambiguous indication of the recurring digits). Do not accept rounded or truncated decimals.18 $0.7 \div 100$ 0.007 1mAccept equivalent fractions.19 $\frac{3}{4}$ of 1,600 $1,200$ 1mWorking must be carried through to reach a final answer for the award of ONE mark.20 528×26 $13,728$ $2m$ Working must be carried through to reach a final answer for the award of ONE mark.	13	90 ÷ 30	3	1m	
153,000,000 + ? + 9700,0001m1610 - 5.94.11m17 $\frac{2}{7}$ + $\frac{15}{28}$ $\frac{23}{28}$ 1mAccept equivalent fractions or an exact decimal equivalent (accept any unambiguous indication of the recurring digits). Do not accept rounded or truncated decimals.18 $0.7 \div 100$ 0.007 1mAccept equivalent fractions.19 $\frac{3}{4}$ of 1,6001,2001mWorking must be carried through to reach a final answer for the award of ONE mark.20 528×26 13,7282mWorking must be carried through to reach a final answer for the award of ONE mark.20 528×26 13,7282mDo not award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens.	14	? = 2,863 - 457	2,406	1m	
17 $\frac{2}{7} + \frac{15}{28}$ $\frac{23}{28}$ $1m$ Accept equivalent fractions or an exact decimal equivalent (accept any unambiguous indication of the recurring digits). Do not accept rounded or truncated decimals.18 $0.7 \div 100$ 0.007 1mAccept equivalent fractions.19 $\frac{3}{4}$ of 1,600 $1,200$ 1m20 528×26 $13,728$ $2m$ Working must be carried through to reach a final answer for the award of ONE mark.20 528×26 $13,728$ $2m$ Do not award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens.	15		700,000	1m	
17 $\frac{2}{7} + \frac{15}{28}$ $\frac{23}{28}$ $1m$ equivalent (accept any unambiguous indication of the recurring digits). Do not accept rounded or truncated decimals. 18 $0.7 \div 100$ 0.007 $1m$ Accept equivalent fractions. 19 $\frac{3}{4}$ of 1,600 $1,200$ $1m$ Working must be carried through to reach a final answer for the award of ONE mark. 20 528×26 $13,728$ $2m$ Working must be carried through to reach a final answer for the award of ONE mark. 20 528×26 $13,728$ $2m$ $2m$	16	10 - 5.9	4.1	1m	
19 $\frac{3}{4}$ of 1,6001,2001m20528 × 2613,7282mWorking must be carried through to reach a final answer for the award of ONE mark. Do not award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens.	17	$\frac{2}{7} + \frac{15}{28}$	<u>23</u> 28	1m	equivalent (accept any unambiguous indication of the recurring digits). Do not accept rounded or
20 528 × 26 13,728 2m Working must be carried through to reach a final answer for the award of ONE mark. Do not award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens.	18	0.7 ÷ 100	0.007	1m	Accept equivalent fractions.
20528 × 2613,7282manswer for the award of ONE mark. Do not award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens.	19	$\frac{3}{4}$ of 1,600	1,200	1m	
	20	528 × 26	13,728	2m	answer for the award of ONE mark. Do not award any marks if the error is in the place value, e.g. the omission of the zero when
	21	15% of 1,300	195	1m	Do not accept answers with the percentage symbol.