

Oxford Revise | AQA GCSE Maths Foundation | Answers

Chapter 1 Basic number

Question	Answer	Extra information	Marks
1.1	27 268		1
1.2	Sixteen thousand and forty-five		1
1.3 (a)	4000		1
1.3 (b)	40		1
1.3 (c)	0.4	Accept 4 tenths	1
1.4	5.454, 4.554, 4.545, 4.455		1
1.5 (a)	<		1
1.5 (b)	<		1
1.5 (c)	=		1
1.6	$£25 \div 10 = £2.50$		1
1.7 (a)	$\begin{array}{r} \\ \\ \\ \\ \hline \\ \\ \\ \end{array}$	Digits correctly lined up in columns Correct answer	1
	913		1

Question	Answer	Extra information	Marks
1.7 (b)	$\begin{array}{r} \overset{6}{1} \overset{1}{7} . 28 \\ - 6 . 72 \\ \hline 10 . 56 \end{array}$	Digits correctly lined up in columns Correct answer	1 1
1.7 (c)	$63 \times 7 = 441$, so $6.3 \times 7 = 44.1$	Multiplies 63×7 to get 441 Correct answer	1 1
1.7 (d)	$\begin{array}{r} 37 \\ \times 24 \\ \hline 148 \\ 740 \\ \hline 888 \end{array}$ So, $3.7 \times 2.4 = 888 \div 100 = 8.88$	Multiplies 37×24 to get 888 Correct answer	1 1
1.7 (e)	0.16	Divides 128 by 8 to get 16 Correct answer	1 1
1.8	$230 - 170 = 60$ $8 \div 2 = 4$	Only these two calculations must be circle for full marks. Deduct 1 mark for any incorrect answer circled	1 1
1.9 (a)	$4 + 30 = 34$		1
1.9 (b)	$16 \div 8 = 2$		1
1.9 (c)	$\frac{9+6}{3} = \frac{15}{3} = 5$		1
1.10 (a)	$268\,000 \div 10 = 26\,800$		1

Question	Answer	Extra information	Marks
1.10 (b)	$268\,000 \div 10 \div 100 = 268$		1
1.10 (c)	400		1
1.10 (d)	6700		1
1.11 (a)	$34 - (20 - 17) = 31$		1
1.11 (b)	$(4 + 5) \times (3 - 1) = 18$		1
1.12 (a)	$\begin{array}{r} \overset{1}{1} \overset{1}{1} \\ 5672 \\ + 2354 \\ \hline 8993 \end{array}$	Digits correctly lined up in columns Correct answer	1
	They sold 8993 tickets in total.		1
1.12 (b)	$\begin{array}{r} \overset{1}{1} \\ 5672 \\ - 2354 \\ \hline 3318 \end{array}$	Digits correctly lined up in columns Correct answer	1
	They sold 3318 more tickets on Saturday compared to Friday.		1
1.13 (a)(i)	$26 + 39$ or $29 + 36$		1
1.13 (a)(ii)	65		1

Question	Answer	Extra information	Marks
1.13 (b)(i)	$93 + 62$ or $92 + 63$		1
1.13 (b)(ii)	155		1
1.13 (b)(iii)	160		1
1.14 (a)	$6 - 3 = 3$		1
1.14 (b)	$-7 + 4 = -3$		1
1.14 (c)	48		1
1.14 (d)	-6		1
1.14 (e)	$\frac{-6 + (-9)}{-5} = \frac{-6 - 9}{-5} = \frac{-15}{-5} = 3$		1
1.15 (a)(i)	26.3		1
1.15 (a)(ii)	26	Do not accept 26.0, 26.00 or 26.000	1
1.15 (b)	$312 + \frac{47.6}{0.48} \approx 300 + \frac{50}{0.5} = 300 + 100 = 400$	Approximations of 300 or 50 or 0.5 Correct answer	1 1
1.16 (a)	December		1
1.16 (b)	March		1
1.16 (c)	$8 - (-5) = 8 + 5 = 13$ °C		1

Question	Answer	Extra information	Marks
1.17	$13.5 \leq L < 14.5$	13.5 or 14.5 Correct answer	1 1
1.18	$245 \leq l < 255$	245 or 255 Correct answer	1 1
1.19 (a)	The answer could be anywhere from 1.80000000 to 1.899999999..., so writing this as an interval is: $1.8 \leq x < 1.9$	Correct minimum and maximum Correct interval notation	1 1
1.19 (b)	0.899999		1