

Using a Calculator

June 2020 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance
9 (a)	30	B1	cao	
(b)	42	B1	cao	
(c)	$\frac{1}{20}$	B1	for $\frac{1}{20}$ or any equivalent fraction or 0.05	

November 2021 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
12 (a)	1.844977205	M1	for 3.403(940887) or 3.717(526059) or 2.014(944168) or 1.84(...) or 1.8(...)	Accept consistent use of a comma to indicate a decimal point
(b)	1.84	B1	for 1.844(977205) for 1.84 or ft from (a) provided answer to (a) has at least 3 dp	Answer must be given to at least 3 decimal places rounded or truncated

June 2022 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance
15	5	M1 A1	for 40.15 or 8.03 seen in working cao	

November 2022 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance
17 (a)	87 600	B1	cao	
(b)	13.524	M1 A1	for 33.81 or 2.5 or $\frac{3381}{250}$ or digits 13524 cao	

November 2023 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
18 (a)	1.882(0861678...)	B2	1.882(0861678...)	Condone 1.882(0861668...) for both marks
(b)	1.88	B1	for 16.6 or 8.82 or $\frac{830}{441}$ or 1.88 for 1.88 or ft their answer to part (a) correctly rounded to 2 dp, providing part (a) has at least 3 dp	Condone 1.88 Do not accept trailing 0, eg 1.880

June 2024 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
19 (a)	0.517(0189759)	M1	for any correct partial calculation, eg 40.113 or 6.333(482454) or 12.25 or answer of 0.51 or 0.52 or digits 517...	Answer must be given to at least 3 decimal places rounded or truncated. Check first 3 significant figures only. Do not accept trailing 0, eg 0.520
(b)	0.52	A1	for 0.517(...)	
		B1	for 0.52 or ft their answer to part (a) correctly rounded to 2 sf, provided part (a) has at least 3 sf	

November 2024 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
20	4.643(069317)	M1 A1	for 192.6 or 8.934 or 21.558(09268) or answer of 4.64 or digits 4643... for 4.643(069317)	Answer must be given to at least 3 decimal places rounded or truncated Check first 3 decimal places only If given to 3 dp or better ignore subsequent rounding

June 2023 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
20 (a)	1.765(2...)	M1	for fully evaluating the numerator or denominator, eg 18.3... or 10.4(1) or answer of 1.76 or 1.77 or digits 1765(2...)	Answer must be given to at least 3 decimal places rounded or truncated. Check first 4 significant figures only.
		A1	for 1.765(2.....)	
(b)	1.6	B1	for 1.6 oe	