

Bearings

June 2022 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance
13 (a)	300	M1	for a correct method to measure and convert one line to a distance in metres, eg. ($AB =$) $5 \times 150 (= 750$ or in the range 720 to 780) or ($BC =$) $4 \times 150 (= 600$ or in the range 570 to 630) or ($AC =$) $7 \times 150 (= 1050$ or in the range 1020 to 1080) or for $5 + 4 - 7 (=2$ or in the range 1.4 to 2.6)	Accept measurements given in mm instead of cm for the first mark. Accept measurements given to a tolerance of ± 2 mm
		M1	for a complete method, eg. “750” + “600” – “1050” or “2” \times 150	Where “750”, “600”, “1050” and “2” have come from their measurements
		A1	for answer in the range 210 to 390	
(b)	288	B1	for answer in the range 286 to 290	

June 2020 Paper 1

Question		Answer	Mark	Mark scheme	Additional guidance
13	(a)	025	B1	for angle in the range 23 to 27	Accept without the initial 0, eg. 25
	(b)	1.25	M1	for measurement of AB in the range 4.8 to 5.2 (cm) or 48 to 52 (mm)	Could be just seen on the diagram
			M1	for “5” \times 25000 (= 125000) or “50” \times 25000 (= 1250000) or “5” \div 100000 (= 0.00005) or “50” \div 1000000 (= 0.00005) or 25000 \div 100000 (= 0.25) or 25000 \div 1000000 (= 0.025)	125000 or 1250000 seen implies M1M1 For the award of this mark, “5” or “50” can be any value in the range 4 to 6 or 40 to 60
			A1	for answer in the range 1.2 to 1.3	

June 2023 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance
17	Drawing	B1	for drawing point R from T at a distance of 5.5 cm.	Unless ambiguous point R can be indicated by a cross, dot, or interpreted as the end of a line drawn from T .
		B1	for drawing point R from T on a bearing of 65°	

November 2023 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
27	327	M1 A1	for $147 + 180$ or for $360 - (180 - 147)$, or for drawing a suitable diagram with 147 in the correct position and with the bearing of A from B indicated cao	Diagram can be a sketch