

# Using Calculations

# June 2022 Paper 1

Question	Answer	Mark	Mark scheme	Additional guidance
15 (a)	180	M1  A1	rounds one figure appropriately 92 to 90 or 100 <b>or</b> 1.63 to 2 or 1.5 or 1.6 or 1.7  for 180 (= 90×2) or 135 (= 90×1.5) or 144 (= 90×1.6) or 153 (= 90 × 1.7) or 200 (= 100×2) or 150 (= 100×1.5) or 160 (= 100×1.6) or 170 (= 100 × 1.7) or 163 (= 100×1.63) or 184 (= 92 × 2) or 138 (= 92 × 1.5) or 147.2 (= 92 × 1.6) or 156.4 (= 92 × 1.7)	Answer of 149.96 (92 × 1.63) gets M0A0  Answer with no working gets M0A0 Ignore further rounding of their result
(b)	947.2	B1	cao	