| Question | Answer | Mark | Mark scheme | Additional guidance |
|---|---|---|---|---|
| 14 | 8 | M1 | for unit conversion<br>for $1.6 \times 100\ 000\ (= 160\ 000\ (cm))$ or $1.6 \times 1000\ (= 1600\ (m))$<br>or<br>for $20\ 000 \div 100\ 000\ (= 0.2)$ or $20\ 000 \div 100\ (= 200)$ or<br>$20\ 000 \div 1000\ (= 20)$<br>or<br>"0.00008" $\times 1000\ (= 0.08)$ or "0.00008" $\times 100\ 000\ (= 8)$ | ie conversions to cm or m<br>Do not award if conversion linked to incorrect unit eg $1.6 \times 1000 = 1600$ cm<br>Answer of 160 000 centimetres scores M1M0A0 |
| | | M1 | for use of scale<br>[distance] $\div$ 20 000<br>or<br>$1.6 \div$ "0.2" or $16 \div$ ("0.2" $\times 10$)<br>or<br>$1.6 \div$ "20" $(= 0.08)$ or "1600" $\div$ "200" $(= 8)$<br>or<br>$1.6 \div 20\ 000\ (=0.00008)$ | Where [distance] is an attempt at converting km to m or cm, ie figs 16 |
| | | A1 | cao | |