6 (a)		7.6×10^7	1	B1	
(b)		0.000 54	1	B1	
					Total 2 marks

7	*DCO* = 90 (or right (angle)) or *DAO* = 90 (or right (angle)) Could also be awarded for *CAO* + *CAD* = 90 or *DAC* + *CAO* = 90		3	M1	may be marked on diagram – also allow right angle 'square' symbol on diagram	M2 implied by 360 – 90 – 90 – 48 **or** 360 – 228
	Obtuse *AOC* = 360 – 90 – 90 – 48 (= 132)oe **or** Obtuse *AOC* = 2(180 – (0.5 × 48) – 90) (= 132) **or** Obtuse *AOC* = 180 – "24" – "24" or 180 – 48 (if working with $\triangle DAC$ and $\triangle OAC$) **or** Reflex *AOC* = 90 + 90 + 48			M1	**dep on M1** being awarded may be marked on diagram	
	Correct answer scores full marks (unless from obvious incorrect working)	228		A1	SC if no other marks awarded 132 gains B1	
						Total 3 marks