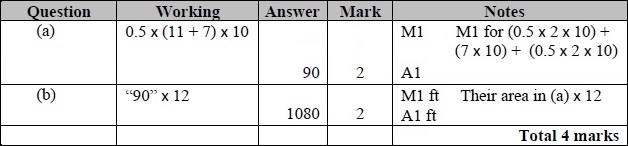


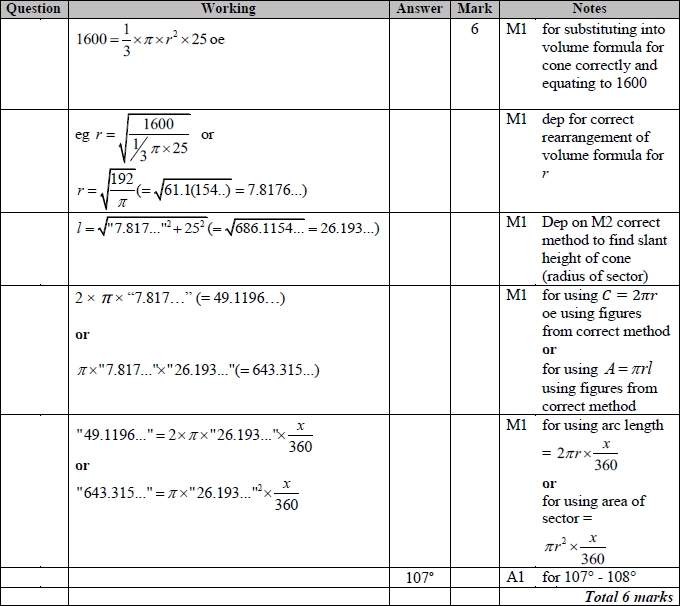
**Marking Scheme**

**Volume problems**

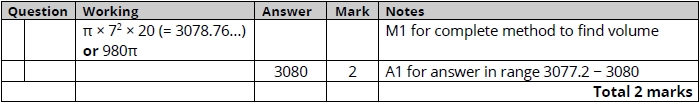
**Q1.**



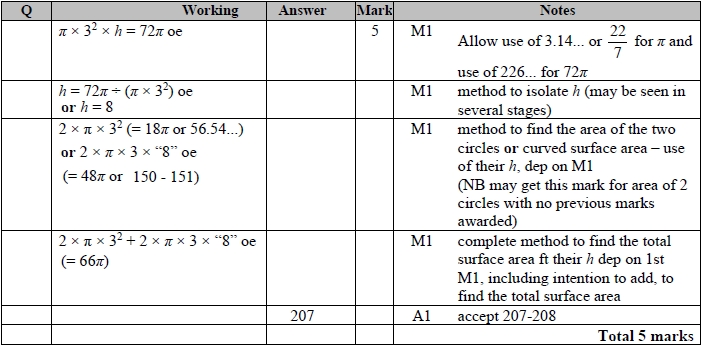
**Q2.**



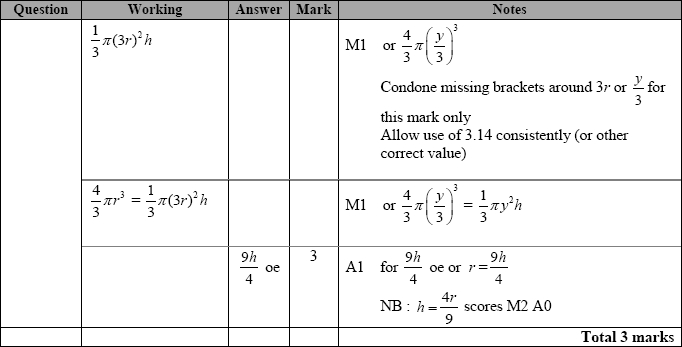
**Q3.**



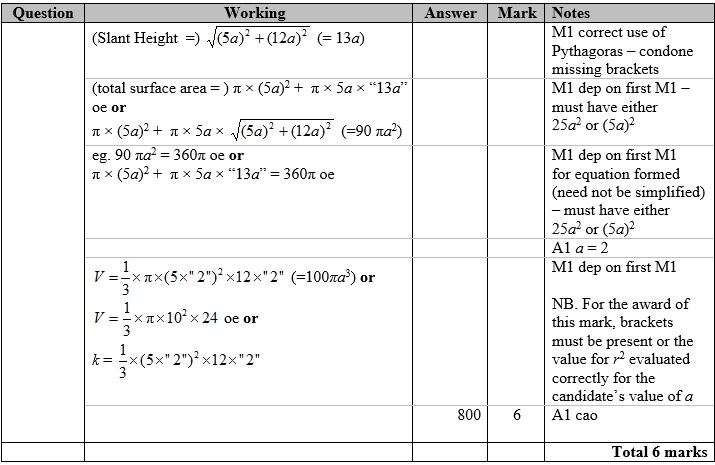
**Q4.**



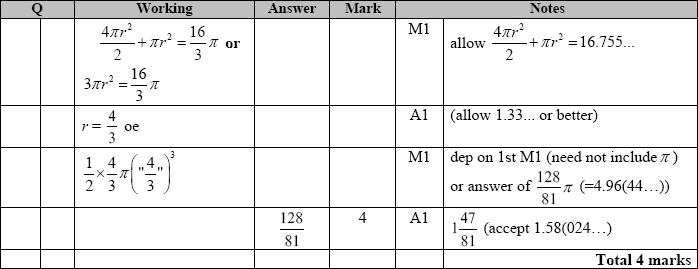
**Q5.**



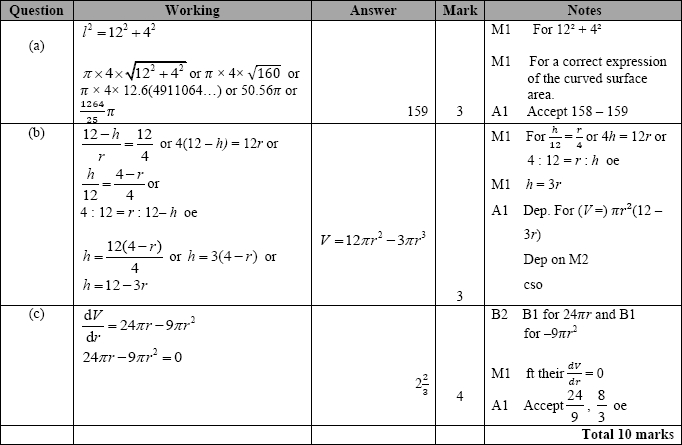
**Q6.**



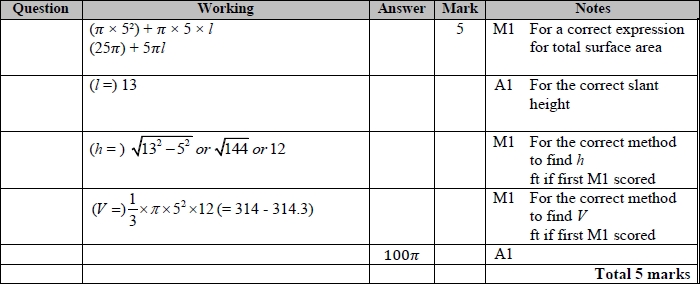
**Q7.**



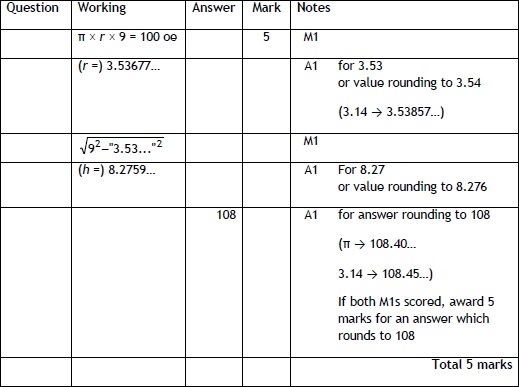
**Q8.**



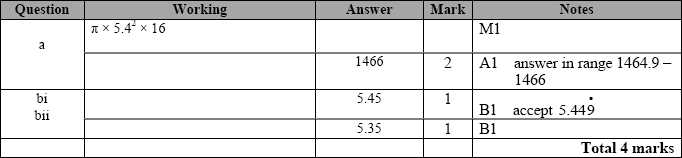
**Q9.**



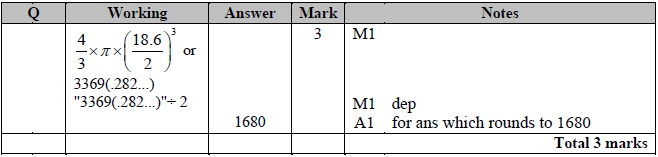
**Q10.**



**Q11.**

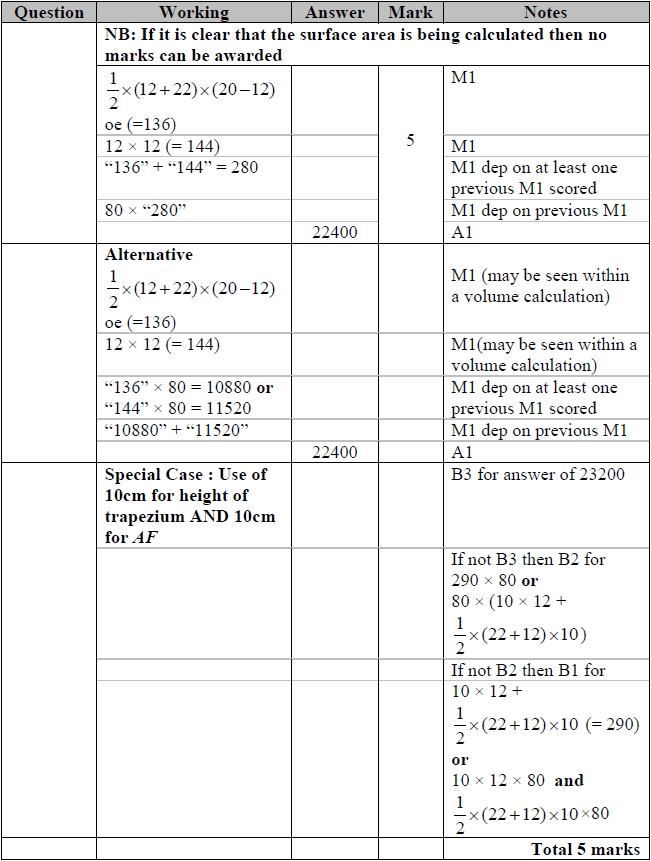


**Q12.**

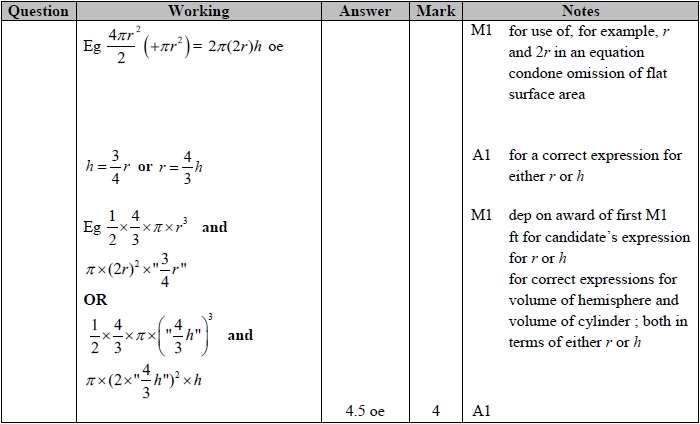


**Q13.**

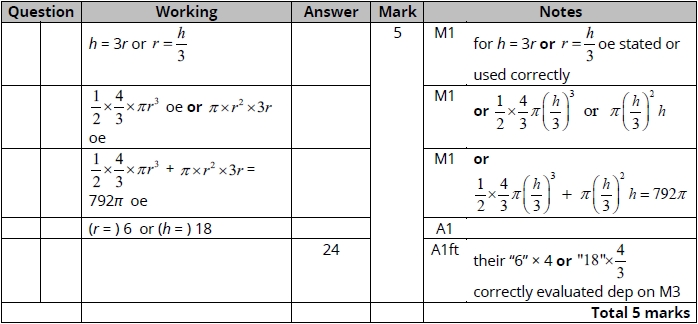
The correct answer, unless clearly obtained by an incorrect method, should be taken to imply a correct method.



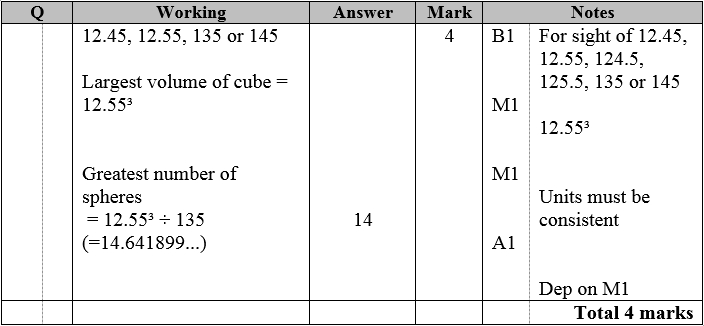
**Q14.**



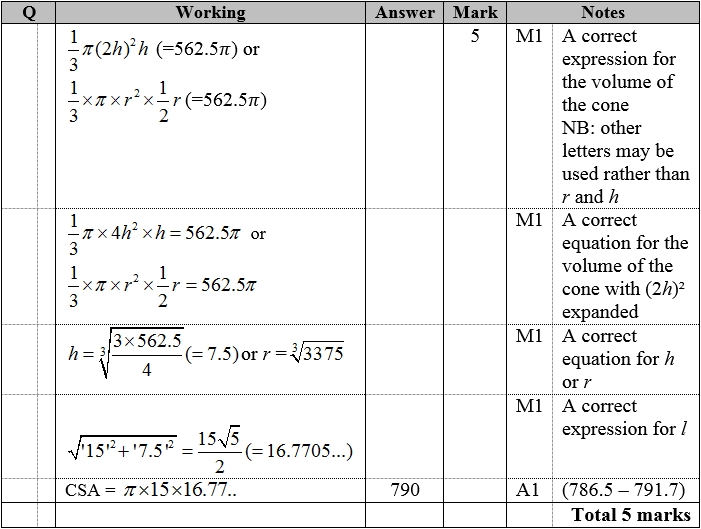
**Q15.**



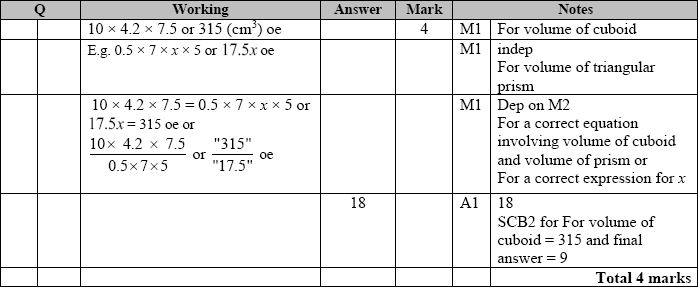
**Q16.**



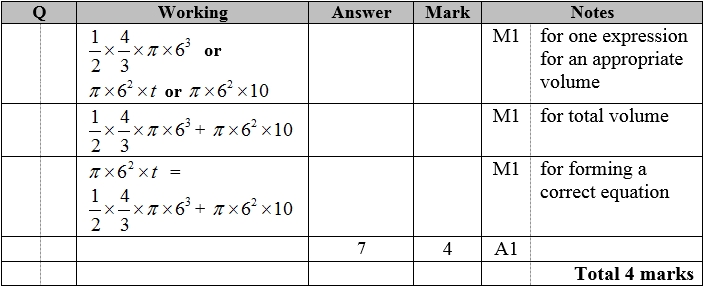
**Q17.**



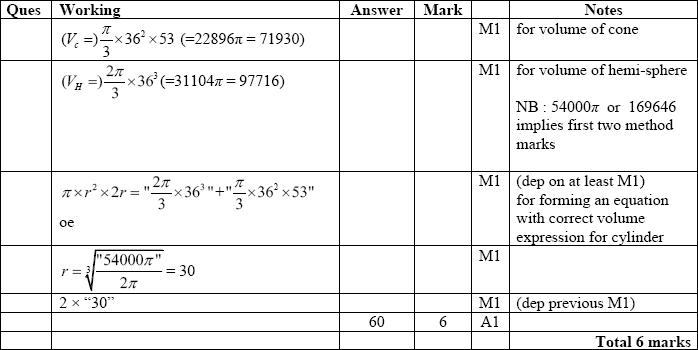
**Q18.**



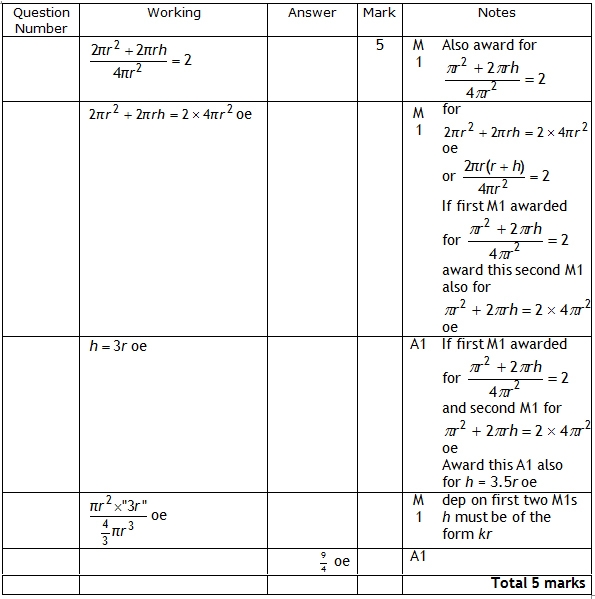
**Q19.**



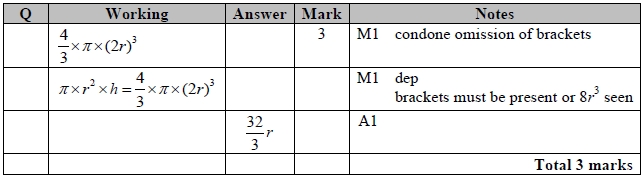
**Q20.**



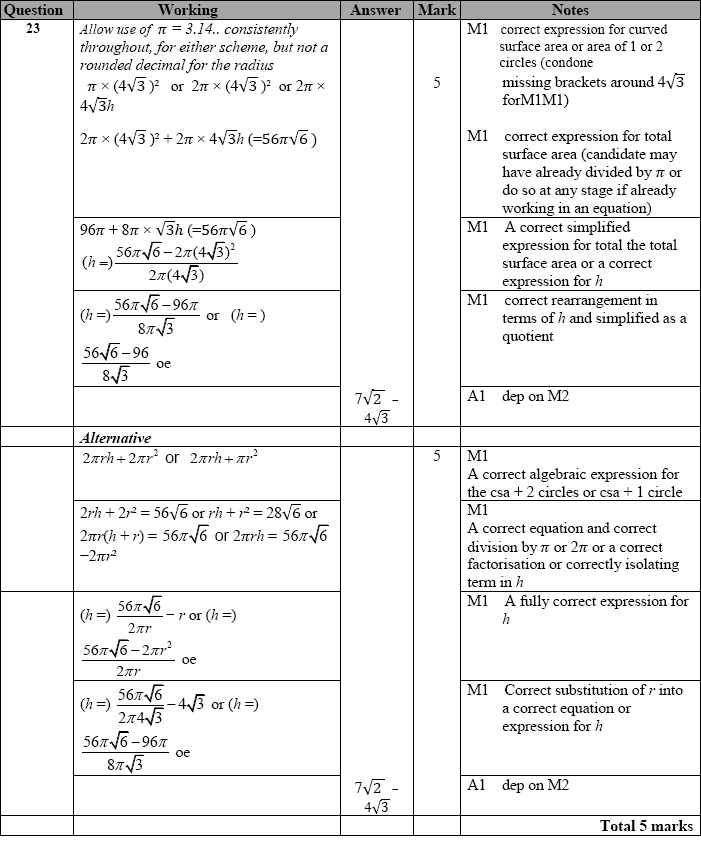
**Q21.**



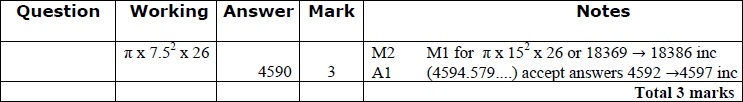
**Q22.**



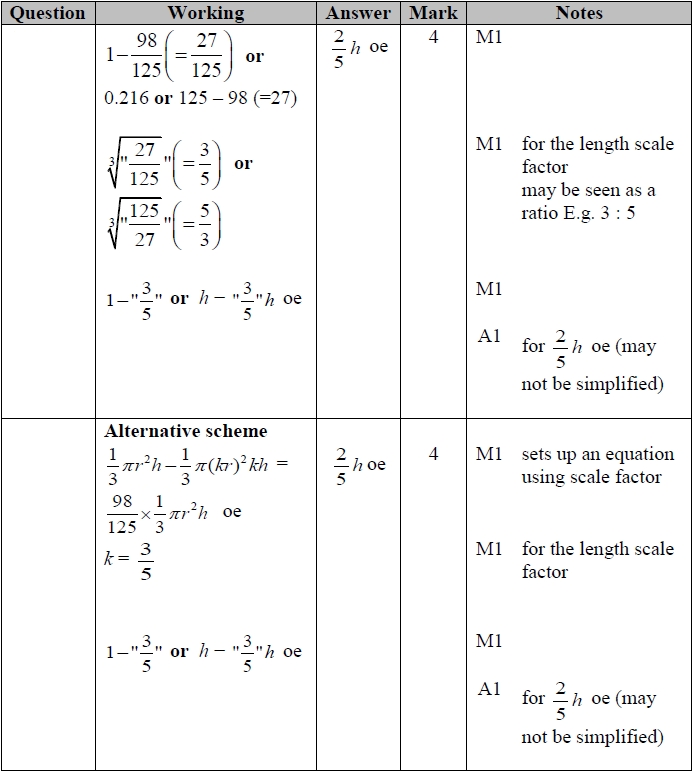
**Q23.**



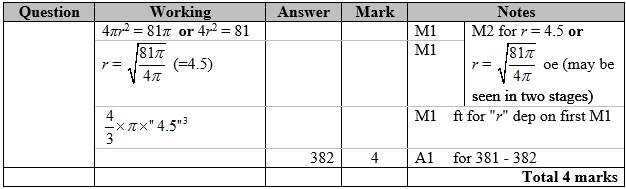
**Q24.**



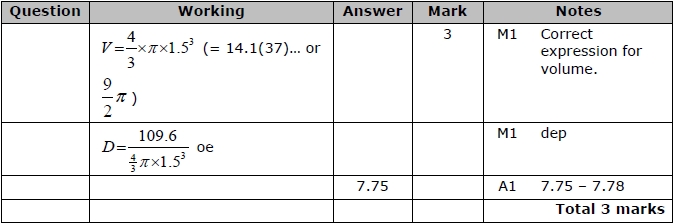
**Q25.**

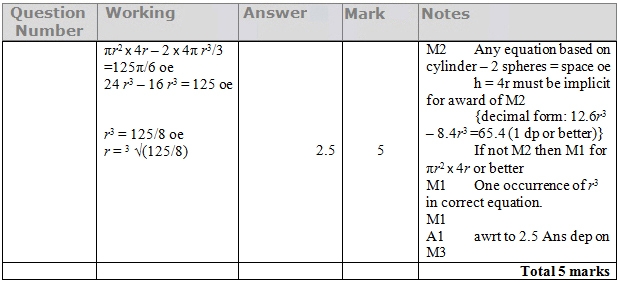


**Q26.**



**Q27.**



**Q28.**

**Q29.**

