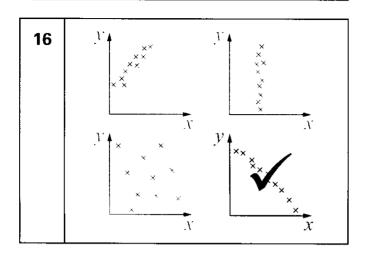
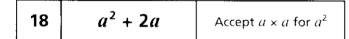
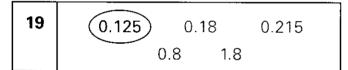
Time: 10 seconds Key stage 3 mathematics 2002 Mental arithmetic higher tiers Test A 8 156 9 12 Test A Mark scheme 10 -2 Do not accept 2-11 0.3 Accept equivalent Time: 5 seconds probabilities 2(.0) 1 2 6 10a + 7b12 Do not accept partially simplified expressions, eg 10a + 2b + 5b3 15 105 degrees 13 4 2 180 degrees 5 2:1 6 Accept 2 to 1 Do not accept fraction notation, eg $\frac{2}{1}$ or **32** % ≤ answer ≤ **36** % 14 incorrect ordering, eg 1:2 or ratio not in its simplest form Accept equivalent 7 0.06 fractions or decimals

Time: 10 seconds continued

15	£ 29.97	

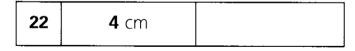




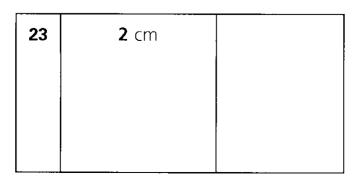






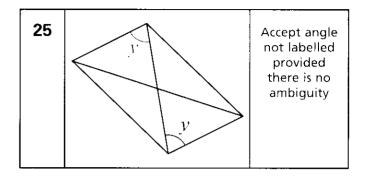


Time: 15 seconds

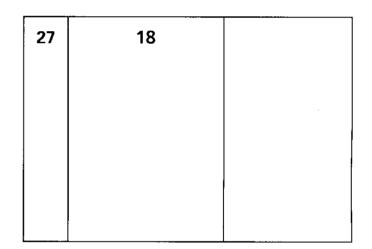


Time: 15 seconds continued





26	f 46.20	
	2 13.23	



28 144

29	7 and 13	Accept in either order
i		

30	12	Do not accept incomplete processing, eg \ 144