MASTER MATHS GCSE

GCSE Mathematics 9-1

Rounding

(Non-Calculator)

Mark Scheme

Total available marks: 28

Q	Answer	Working	Mark
1	5000	Look at the hundreds digit: 9 It is 5 or more, so round up	1
2	400	Look at the tens digit: 7 It is 5 or more, so round up	1
3	7620	Look at the ones digit: 3 It is less than 5, so round down	1
4	28	Look at the first decimal place: 4 It is less than 5, so round down	1
5	5.8	Look at the second decimal place: 4 It is less than 5, so round down	1
6	3.68	Look at the third decimal place: 5 It is 5 or more, so round up	1
7	10 000	Look at the hundreds digit: 9 It is 5 or more, so round up	1
8	48	Look at the first decimal place: 5 It is 5 or more, so round up	1
9	126.0	Look at the second decimal place: 8 It is 5 or more, so round up	1
10	1800	Look at the tens digit: 4 It is less than 5, so round down	1
11	23.45	Look at the third decimal place: 2 It is less than 5, so round down	1
12	7000	Look at the hundreds digit: 2 It is less than 5, so round down	1
13	15.2	Look at the second decimal place: 3 It is less than 5, so round down	1
14	95	Look at the first decimal place: 9 It is 5 or more, so round up	1
15	5300	Look at the tens digit: 2 It is less than 5, so round down	1
16	4.73	Look at the third decimal place: 2 It is less than 5, so round down	1

Q	Answer	Working	Mark
17	0.5	Look at the second decimal place: 7 It is 5 or more, so round up	1
18	65 000	Look at the hundreds digit: 9 It is 5 or more, so round up	1
19	9.00	Look at the third decimal place: 9 It is 5 or more, so round up	1
20	50 000	Look at the thousands digit: 4 It is less than 5, so round down	1
21	9000	Look at the hundreds digit: 3 It is less than 5, so round down	1
22	6800	Look at the tens digit: 2 It is less than 5, so round down	1
23	34.6	Look at the second decimal place: 6 It is 5 or more, so round up	1
24	500	Look at the ones digit: 8 It is 5 or more, so round up	1
25	73	Look at the first decimal place: 9 It is 5 or more, so round up	1
26	2000	Look at the tens digit: 4 It is less than 5, so round down	1
27	53.422	Look at the fourth decimal place: 6 It is 5 or more, so round up	1
28	9870	Look at the 4th significant figure: 6 It is 5 or more, so round up	1

Total available marks for this paper	**28**