MASTER MATHS GCSE

GCSE Mathematics 9-1

Ordering Decimals and Integers

(Non-Calculator)

Mark Scheme

Total available marks: 28

Q	Answer	Working	Mark
1	−19, −4, 8, 15, 23	Negative numbers are smaller than 0; the further from 0, the smaller Ascending means smallest to largest	1
2	10, 7, −3, −11, −25	Negative numbers are smaller than 0; the further from 0, the smaller Descending means largest to smallest	1
3	−35, −12, 0, 42, 50	Negative numbers are smaller than 0; the further from 0, the smaller	1
4	−99, −20, 0, 45, 99	Negative numbers are smaller than 0; the further from 0, the smaller Increasing means smallest to largest	1
5	−2, −3, −5, −8, −12	Negative numbers are smaller than 0; the further from 0, the smaller Descending means largest to smallest	1
6	−100, −50, 0, 25, 75	Negative numbers are smaller than 0; the further from 0, the smaller	1
7	−12, −23, −45, −78, −90	Negative numbers are smaller than 0; the further from 0, the smaller	1
8	−5, −1, 0, 3, 7	Negative numbers are smaller than 0; the further from 0, the smaller Ascending means smallest to largest	1
9	−60, −30, 0, 20, 40	Negative numbers are smaller than 0; the further from 0, the smaller	1
10	509, 305, 102, −203, −407	Negative numbers are smaller than 0; the further from 0, the smaller Descending means largest to smallest	1
11	0.25, 0.5, 0.75, 1.1, 1.2	Write with 2 decimal places: 0.25, 1.20, 0.50, 0.75, 1.10 Ascending means smallest to largest	1
12	4.02, 3.67, 2.45, 1.89, 0.99	Write with 2 decimal places: 2.45, 3.67, 1.89, 4.02, 0.99 Descending means largest to smallest	1
13	0.123, 0.45, 0.98, 1.09, 1.56	Write with 3 decimal places: 0.980, 0.123, 0.450, 1.560, 1.090	1

Q	Answer	Working	Mark
14	3.25, 3.99, 4.01, 4.15, 4.5	Write with 2 decimal places: 4.50, 3.25, 4.15, 3.99, 4.01 Increasing means smallest to largest	1
15	0.78, 0.6, 0.55, 0.33, 0.11	Write with 2 decimal places: 0.60, 0.33, 0.78, 0.55, 0.11 Descending means largest to smallest	1
16	1.009, 1.12, 1.234, 1.56, 1.78	Write with 3 decimal places: 1.234, 1.120, 1.009, 1.560, 1.780	1
17	5.6, 5.099, 5.09, 5.06, 5.001	Write with 3 decimal places: 5.600, 5.060, 5.001, 5.090, 5.099	1
18	0.078, 0.5, 0.507, 0.75	Write with 3 decimal places: 0.078, 0.750, 0.507, 0.500 Ascending means smallest to largest	1
19	0.35, 0.53, 3.05, 3.5	Write with 2 decimal places: 3.05, 0.35, 3.50, 0.53	1
20	0.99, 0.92, 0.909, 0.901, 0.099	Write with 3 decimal places: 0.920, 0.901, 0.990, 0.099, 0.909 Descending means largest to smallest	1
21	−3.5, −2, 0, 1.8, 3.5	Write with 1 decimal place: 3.5, −2.0, 0.0, 1.8, −3.5 Negative numbers are smaller than 0; the further from 0, the smaller	1
22	−7.5, −2.3, 0, 3.8, 4	Write with 1 decimal place: −7.5, 4.0, −2.3, 0.0, 3.8 Negative numbers are smaller than 0; the further from 0, the smaller Ascending means smallest to largest	1
23	5.9, 3.2, 2.7, −1.1, −4.6	Write with 1 decimal place: 5.9, −1.1, 3.2, −4.6, 2.7 Negative numbers are smaller than 0; the further from 0, the smaller Descending means largest to smallest	1
24	−9.8, −5, −2.6, 4.3, 7	Write with 1 decimal place: −9.8, 4.3, −2.6, 7.0, −5.0 Negative numbers are smaller than 0; the further from 0, the smaller	1

Q	Answer	Working	Mark
25	−1.25, −0.99, 1.67, 2.45, 3.89	Write with 2 decimal places: 2.45, −0.99, 1.67, −1.25, 3.89 Negative numbers are smaller than 0; the further from 0, the smaller Increasing means smallest to largest	1
26	1.7811, 1.78, 1.762, 1.721, 1.7	Write with 4 decimal places: 1.7000, 1.7811, 1.7210, 1.7800, 1.7620 Descending means largest to smallest	1
27	−4, −1, 0.5, 0.75, 2.5	Write with 2 decimal places: −4.00, 0.75, −1.00, 2.50, 0.50 Negative numbers are smaller than 0; the further from 0, the smaller Ascending means smallest to largest	1
28	−3.2, −2.1, 0, 4.5, 6.9	Write with 1 decimal place: 6.9, −3.2, 0.0, −2.1, 4.5 Negative numbers are smaller than 0; the further from 0, the smaller	1

Total available marks for this paper	**28**