1 [2024-M/J-01-12]

(a) Here are five temperatures in °C.

4 1 −6 0 −2

Write these temperatures in order, starting with the lowest.

..... , ... , ... , ... , ... [1]
lowest

(b) Write these numbers in order of size, starting with the smallest.

0.45 $\frac{3}{8}$ 40%

..... , ... , ... [1]
smallest

2 [2023-M/J-05-11]

(a) Insert one set of brackets to make the calculation correct.

3 + 5 × 2 − 7 = 9 [1]

(b) Insert +, − and × to make the calculation correct.

3 5 2 7 = 20 [1]

3 [2023-M/J-07-11]

(a) Here are five temperatures in ºC.

−18 −21 −2 17 −10

Write these temperatures in order from coldest to hottest.

....., ..., ..., ..., ... [1]
coldest

(b) Work out the temperature that is 5 ºC colder than −18 ºC.

..... ºC [1]

4 [2023-M/J-03-12]

Write these numbers in order of size, starting with the smallest.

$0.65 \qquad \frac{5}{8} \qquad 62\% \qquad \frac{11}{20} \qquad 0.595$

..... , ... , ... , ... , ... [2]

5 [2023-M/J-4a-12]

(a) At midday the temperature is 8 °C.
At midnight the temperature is 12 °C lower.

Find the temperature at midnight.

..... °C [1]

6 [2022-M/J-09-11]

Write these lengths in order of size, starting with the smallest.

32 000 cm 3300 mm 3.1 km 34 m

....., ..., ..., ... [2]

7 [2022-M/J-4a-12]

(a) The temperature inside Luke's house is 18 °C.
The temperature outside his house is −3 °C.

Find the difference between these temperatures.

..... °C [1]

8 [2021-M/J-01-12]

(b) Write these fractions in order of size, starting with the smallest.

$\frac{4}{5}$ $\frac{7}{10}$ $\frac{17}{20}$

..... , ... , ... [1]
smallest

9 [2020-M/J-04-12]

Write these numbers in order of size, starting with the smallest.

4^3 9^2 $\sqrt{196}$ $\sqrt[3]{125}$

..... , ... , ... , ... [2]