

Year 12 Bridging the gap - Biology

Units, measurements and standard form quiz

1 Rewrite the following using prefixes:

12000 g

0.005 m

0.000087 V

2 What do the following units represent?

gcm^{-3}

Jkg^{-1}

mm^3s^{-1}

$\text{kgm}^{-2}\text{y}^{-1}$

3 Rewrite the following in standard form:

1942 kg

0.007 m

0.000002 A

0.034 s

14.5 MJ

178846 km

440 mm

4 Find values for:

Wavelength of red light

Diameter of a nucleus

Mass of the earth

Energy in 1g sugar