**Standard Form Using a Calculator**

Using a calculator, work out the following, giving your answer in standard form.

(a)

(b)

(c)

(d)

(e)

(f)

(a) Given that , find when and .

(b) Denmark has a population of and Jamaica has a population of . How many more people live in Denmark than in Jamaica?

(a) The mass of Saturn is tonnes and the mass of the Earth is tonnes. How many times heavier is Saturn than Earth?

(b) In 2009 the world population was . In 2019 it was Calculate the percentage increase in population between 2009 and 2019.

(a) The population of Wales is people. The annual spend on healthcare is billion. Calculate the amount spent on healthcare per person in Wales each year, to the nearest pound.

(b) The volume of four different oceans in are and . Find the mean volume of the four oceans, giving your answer in standard form.

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