

Mathematics

Mixed operations with standard form

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Questions

- 1) The distance between the Earth and Mars is 55 000 000 km.
- a) Write the number 55 000 000 in standard form.

The distance between the Earth and Neptune is 80 times greater than the distance between the Earth and Mars.

- b) Calculate the distance between the Earth and Neptune.



Questions

2) Work out the value of $\frac{2 \times 10^{-2}}{8 \times 10^6}$

Give your answer in standard form.

3) Here are three numbers written in standard form.

Arrange these numbers in order of size. 5.7×10^{-7} 8.4×10^{-9} 6.64×10^{-8}

Start with the smallest number.



Questions

4) Work out $(7 \times 10^7) \times (5 \times 10^6)$

Give your answer in standard form.

5) Work out $4.2 \times 10^2 + 2.4 \times 10^4$

