

Mathematics

# Addition and subtraction in Standard Form

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# Questions

1) Without using a calculator, work out:

Give your answer in standard form.

a)  $(4 \times 10^5) + (7 \times 10^5)$

b)  $(9 \times 10^3) + (9 \times 10^{-3})$

c)  $(6 \times 10^6) + (2.3 \times 10^4)$

d)  $(5.4 \times 10^7) + (3.4 \times 10^7)$

e)  $(3 \times 10^{-4}) + (9 \times 10^{-6})$

f)  $(4.3 \times 10^5) + (2.5 \times 10^6)$



# Questions

2) The number of visitors to some tourist attractions is shown in the table below.

Thorpe Park	2.4 million
The Highland Park	$1.23 \times 10^7$
Grace-Hope-Love Tree-House	5,195,800

How many more people visited The Highland Park than the Grace-Hope-Love Tree-House?

Give you answer in both standard form and ordinary number.



# Questions

3) The table shows the annual world production of four food products. Find the total annual production for the products. Give your answer in standard form.

Food	Annual world production, in tonnes
Flour	$1.65 \times 10^6$
Tea	$1.95 \times 10^6$
Sugar	$8.62 \times 10^7$
Rice	$3.98 \times 10^8$

