



Using standard form – quick exercise

Task 1: Big numbers

a) convert the standard form into a number (type in the box)

i) 3.40×10^5

ii) 4.56×10^8

iii) 8.4236×10^3 to 2 significant figures

b) convert the number to standard form (click on the correct answer)

i) 45,3409 to 3 significant figures

45.3×10^5

4.53×10^5

4.54×10^5

ii) 18,450,000,000,000,000

1.845×10^{16}

18.45×10^{16}

1845×10^{17}

iii) 582

5.82×10^3

5.82×10^2

0.582×10^4

Task 2: Small numbers

a) convert the standard form into a number (type in the box)

i) 3.40×10^{-5}

ii) 4.56×10^{-8}

iii) 8.4236×10^{-3} to 2 significant figures

b) convert the number to standard form (click on the correct answer)

i) 0.000045328 to 3 significant figures

4.53×10^{-4}

4.53×10^{-9}

4.53×10^{-5}

ii) 0.0000000000000006787 to 3 sig. fig.

6.79×10^{-15}

6.79×10^{-16}

6.78×10^{-16}

iii) 0.0582 to 2 significant figures

5.8×10^{-3}

5.82×10^{-2}

5.8×10^{-2}