

1. (a) Work out the value of $(8 \times 10^4) \times (3 \times 10^3)$

Give your answer in standard form.

(a)

(b) Work out the value of $5 \times 10^3 \times 5 \times 10^{14}$

Give your answer in standard form.

(b)

(c) Work out the value of $(5 \times 10^5) \times (7 \times 10^4)$

Give your answer in standard form.

(c)

(d) Work out the value of $(4 \times 10^3) \times (5 \times 10^{-7})$

Give your answer in standard form.

(d)

(e) Calculate $7 \times 10^8 \times 9 \times 10^{-3}$

Give your answer in standard form.

(e)

(f) Work out the value of $(8 \times 10^4) \times (4 \times 10^{-11})$

Give your answer in standard form.

(f)

Answers: a) 2.4×10^8

b) 2.5×10^{18}

c) 3.5×10^{10}

d) 2.0×10^{-3}

e) 6.3×10^6

f) 3.2×10^{-6}