

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) .....

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standard form (10) answers: Q1 (a)  $2.4 \times 10^8$ , (b)  $2.5 \times 10^{18}$ , (c)  $3.5 \times 10^{10}$  turn over for Q2

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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) .....

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

Give your answer in standard form.

(a) .....

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

Give your answer in standard form.

(b) .....

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

Give your answer in standard form.

(c) .....

standard form (10) answers: Q2 (a)  $2.0 \times 10^{-3}$ , (b)  $6.3 \times 10^6$ , (c)  $3.2 \times 10^{-6}$

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

Give your answer in standard form.

(a) .....

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

Give your answer in standard form.

(b) .....

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

Give your answer in standard form.

(c) .....