

1 Work out  $\frac{0.06 \times 0.0003}{0.01}$

Give your answer in standard form.

.....  
(3)

2 Work out  $(13.8 \times 10^7) \times (5.4 \times 10^{-12})$   
Give your answer as an ordinary number.

.....  
(2)

3 Work out the value of  $\frac{2.645 \times 10^9}{1.15 \times 10^3}$

Give your answer in standard form.

.....  
(2)

4 (a) Write 32 460 000 in standard form.

.....  
(1)

(b) Write  $4.96 \times 10^{-3}$  as an ordinary number.

.....  
(1)

Asma was asked to compare the following two numbers.

$$A = 6.212 \times 10^8 \quad \text{and} \quad B = 4.73 \times 10^9$$

She says,

“6.212 is bigger than 4.73 so  $A$  is bigger than  $B$ .”

(c) Is Asma correct?

You must give a reason for your answer.

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.....  
.....  
(1)

- 5 Work out  $(3.42 \times 10^{-7}) \div (7.5 \times 10^{-6})$   
Give your answer in standard form.

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(2)

- 6 Write these numbers in order of size.  
Start with the smallest number.

$6.72 \times 10^5$      $67.2 \times 10^{-4}$      $672 \times 10^4$      $0.000672$

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(2)