



# New Maths GCSE: N9 - Converting between Standard and Non-Standard Form

Name:.....

Date:.....

Write the following number in standard form:  
**23,000,000**

A)  $23 \times 10^6$       C)  $2.3 \times 10^6$

B)  $2.3 \times 10^{-7}$       D)  $2.3 \times 10^7$

Correct Answer: A B C D

Explanation:

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Write the following number in non-standard form:  
 **$3.1 \times 10^4$**

A) 310,000      C) 3100

B) 3.10000      D) 31,000

Correct Answer: A B C D

Explanation:

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Write the following number in standard form:  
**0.000603**

A)  $6.3 \times 10^{-4}$       C)  $6.03 \times 10^{-4}$

B)  $6.03 \times 10^{-3}$       D)  $6.03 \times 10^{-5}$

Correct Answer: A B C D

Explanation:

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Write the following number in standard form:

45,300

- A)  $45.3 \times 10^3$       C)  $4.53 \times 10^3$   
B)  $4.53 \times 10^4$       D)  $4.53 \times 10^5$

Correct Answer: A B C D

Explanation:

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Write the following number in non-standard form:

$2.03 \times 10^2$

- A) 203                      C) 2.0300  
B) 2.03                     D) 0.0203

Correct Answer: A B C D

Explanation:

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Write the following number in standard form:

0.0051

- A)  $5.1 \times 10^{-3}$       C)  $0.0051 \times 10^{-3}$   
B)  $5.1 \times 10^3$         D)  $5.1 \times 10^{-4}$

Correct Answer: A B C D

Explanation:

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Write the following number in non-standard form:

$54.3 \times 10^{-3}$

- A) 54,300                  C) 0.0543  
B) 0.543                    D) 0.054.3

Correct Answer: A B C D

Explanation:

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Write the following number in non-standard fo

$$8.01 \times 10^{-4}$$

- A) 0.00801      C) 80100
- B) 0.00081      D) 0.000801

Correct Answer: A B C D

Explanation:

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