



# Standard Form - Quiz B

Name:.....

Date:.....

I= Eedi

Which is the correct way of writing 47 400 000 in correct standard form?

A  $474 \times 10^{-7}$       B  $47.4 \times 10^6$

C  $4.74 \times 10^7$       D  $474 \times 10^5$

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Correct Answer: A B C D

Explanation:

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Which is the correct way of writing  $8.683 \times 10^8$  as an ordinary number?

A      B      C      D

868 300 000 000    868 300 000    8.683    0.00000008683

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Correct Answer: A B C D

Explanation:

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Which is the correct way of writing  $4.152 \times 10^{-6}$  as an ordinary number?

A      B      C      D

4.152      -4.152      4 152 000      0.000004152

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Correct Answer: A B C D

Explanation:

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Simplify  $(3 \times 10^{12}) \times (6 \times 10^5)$  and write the answer in correct standard form

A  $1.8 \times 10^{17}$     B  $18 \times 10^{17}$     C  $9 \times 10^{17}$     D  $1.8 \times 10^{18}$

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Correct Answer: A B C D

Explanation:

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Simplify  $(7.8 \times 10^{10}) + (1.3 \times 10^9)$

A  $7.93 \times 10^{19}$     B  $9.1 \times 10^{10}$

C  $7.93 \times 10^{10}$     D  $9.1 \times 10^{19}$

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Correct Answer: A B C D

Explanation:

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Choose the biggest number

A  $8.5 \times 10^2$     B  $4.6253 \times 10^3$     C  $5.9 \times 10^{-7}$     D  $6.1 \times 10^5$

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Correct Answer: A B C D

Explanation:

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Three of the statements below are true. Which one is false?

A  $3.02 \times 10^{-4} = 0.000302$

B  $5.1 \times 10^2$  is the same as  $510000 \times 10^{-3}$

C  $7.3 \times 10^5$  is smaller than  $8.6 \times 10^3$

D  $4700 = 4.7 \times 10^3$

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Correct Answer: A B C D

Explanation:

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**Eedi**

Put these numbers in order from smallest to biggest  
 $82 \times 10^3$     $8 \times 10^{-4}$     $8.1 \times 10^2$    803

**A**   803    $8.1 \times 10^2$     $82 \times 10^3$     $8 \times 10^{-4}$

**B**    $8.1 \times 10^2$     $8 \times 10^{-4}$    803    $82 \times 10^3$

**C**    $8 \times 10^{-4}$    803    $8.1 \times 10^2$     $82 \times 10^3$

**D**    $8 \times 10^{-4}$     $8.1 \times 10^2$     $82 \times 10^3$    803

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Correct Answer: A B C D

Explanation:

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**Eedi**

Mark is 181cm. Liam is  $1.47 \times 10^2$ cm.  
 What is the range of their ages (in standard form)?

**A**   **B**   **C**   **D**

$3.4 \times 10^1$ cm    $3.28 \times 10^2$ cm   34cm    $0.34 \times 10^2$ cm

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Correct Answer: A B C D

Explanation:

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**Eedi**

John works out  $3 \times 10^4$  divided by sixty.  
 Which one of his answers below is correct?

**A**   **B**   **C**   **D**

$5 \times 10^3$    50    $5 \times 10^2$     $5 \times 10^{-2}$

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Correct Answer: A B C D

Explanation:

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