



OCR GCSE Maths: Standard Form - Foundation 1

Name:.....

Date:.....

OCR
Write 45,000 in standard form

A B C D

4.5×10^3 4.5×10^4 4.5×10^{-4} Forty-five thousand

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Correct Answer: A B C D

Explanation:

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OCR
Choose the biggest number

A B C D

5.2×10^4 7.1×10^2 3.2456×10^2 6.708×10^{-3}

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Correct Answer: A B C D

Explanation:

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OCR
Write 6.2×10^{-3} as an ordinary number

A B C D

6,200 6.2000 0.0062 0.062

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Correct Answer: A B C D

Explanation:

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OCR
 Question 1

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

A $34,000 = 3.4 \times 10^4$

B $4.07 \times 10^{-3} = 0.00407$

C 0.82×10^4 is the same as 82000×10^{-1}

D 9.2×10^2 is bigger than 3×10^4

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Correct Answer: A B C D

Explanation:

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 Question 2

Put these numbers in order from smallest to biggest

3×10^4 3200 31×10^2 3.5×10^{-3}

A 3×10^4 3.5×10^{-3} 31×10^2 3200

B 3200 31×10^2 3.5×10^{-3} 3×10^4

C 3.5×10^{-3} 3×10^4 31×10^2 3200

D 3.5×10^{-3} 31×10^2 3200 3×10^4

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Correct Answer: A B C D

Explanation:

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 Question 3

Write 39 million in standard form

A 39×10^6

B 3.9×10^7

C 3.9×10^6

D 3.9×10^8

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Correct Answer: A B C D

Explanation:

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 Question 4

Tom is 161cm. Sam is 1.35×10^2 cm. What is the range of their ages (in standard form)?

A 2.6×10^2

B 2.6×10^1

C 2.96×10^2

D 26

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Correct Answer: A B C D

Explanation:

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Work out $(3 \times 10^4) \times (5 \times 10^2)$.
 Give your answer in standard form.

A 1.5×10^7 B 15×10^8 C 15×10^6 D 15000000

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Correct Answer: A B C D

Explanation:

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Work out $(5 \times 10^3) + (8 \times 10^2)$.
 Give your answer in standard form.

A 13×10^5 B 5800 C 15×10^6 D 5.8×10^3

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Correct Answer: A B C D

Explanation:

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John works out 2×10^5 divided by five hundred.
 Which one of his answers below is correct?

A 4×10^{-3} B 0.04×10^5 C 40 D 400×10^1

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Correct Answer: A B C D

Explanation:

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