



GCSE Maths Takeaway 94 - Fractional and Negative Indices

Name:.....

Date:.....

6^{-1}

What does this equal?

A 5 **B** -6

C $\frac{1}{6}$ **D** $-\frac{1}{6}$

Correct Answer: A B C D

Explanation:

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$(64)^{\frac{1}{2}}$

What does this equal?

A 64.5 **B** 8

C 32 **D** 4

Correct Answer: A B C D

Explanation:

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$(9)^{\frac{3}{2}}$

What does this equal?

A 10.5 **B** 9

C 27 **D** 13.5

Correct Answer: A B C D

Explanation:

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$$5^{-2}$$

What does this equal?

- A $\frac{1}{25}$ B -25
C $-\frac{1}{10}$ D $\frac{1}{10}$

Correct Answer: A B C D

Explanation:

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$$(125)^{-\frac{2}{3}}$$

What does this equal?

- A $\frac{1}{10}$ B $\frac{1}{25}$
C -25 D $-\frac{1}{25}$

Correct Answer: A B C D

Explanation:

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