



New Maths GCSE: N6 - Powers and Roots

Name:.....

Date:.....

10^2

What does this equal?

A 102	B 20
C 100	D 12

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

2^3

What does this equal?

A 5	B 8
C 9	D 6

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

Which number is smallest?

A 2^1	
B 1^2	
C 0^1	
D 1^0	

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

8	15
16	27
32	33

Which of these numbers is a square number?

A: 15 B: 33
C: 32 D: 16

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

The square root of a number is 5. What is the number?

a) 25 b) 5
c) 2.5 d) 55

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

2⁴

What does this equal?

A 16 B 6
C 24 D 8

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

What is $\sqrt{25}$?

A 5
B 12.5
C 6
D 50

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

$\sqrt{64}$

A 4	B 6
C 8	D 3^2

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

What is $\sqrt{20}$?

- A 10
- B 4.5ish
- C 5
- D you can't do it

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

Which number is the smallest?

- A 2^5
- B 5^2
- C 3^4
- D 4^3

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....