



Approximate irrational numbers

1

Which number is between -3 and -2?

A

$-\sqrt[3]{28}$

B

$-\sqrt[3]{2}$

C

$-\sqrt[3]{11}$

2

Which number is between 4 and 5?

A

$\sqrt[3]{28}$

B

$\sqrt{22}$

C

$\sqrt{12}$

3

Which number is between -3 and -2?

A

$-\sqrt[3]{28}$

B

$-\sqrt{2}$

C

$-\sqrt[3]{17}$

4

Approximate the value of 'a' in this equation

$$a^2 + 100 = 144$$

A

$a = 8$

B

$a = 4$

C

$a = 9.6$

D

$a = 11.6$

E

$a = 1.6$

F

$a = 6.6$

5

Which number is between 2 and 3?

A

$\sqrt{3}$

B

$\sqrt{17}$

C

$\sqrt{5}$

6

Which number is between -2 and -1?

A

$-\sqrt{7}$

B

$-\frac{1}{4}\pi$

C

$-\frac{1}{2}\pi$

7

Approximate the value of 'a' in this equation

$$a^2 + 81 = 196$$

A

$a = 23$

B

$a = 5.7$

C

$a = 10.7$

D

$a = 126$

E

$a = 8.7$

F

$a = 13.7$

8

Which number is between 3 and 4?

A

$\sqrt[3]{28}$

B

$\sqrt{17}$

C

$\frac{5}{6}\pi$



Approximate irrational numbers

9

Which number is between -4 and -3?

A

$$-\sqrt[3]{28}$$

B

$$-\frac{3}{2}\pi$$

C

$$-\sqrt[3]{13}$$

10

Approximate the value of 'b' in this equation

$$100 + b^2 = 121$$

A

$$b = 21$$

B

$$b = 5$$

C

$$b = 4.6$$

D

$$b = 3.2$$

E

$$b = 3.6$$

F

$$b = 5.5$$

11

Which number is between 2 and 3?

A

$$\frac{4}{5}\pi$$

B

$$\sqrt{2}$$

C

$$\sqrt[3]{5}$$

12

Which number is between -3 and -2?

A

$$-\sqrt[3]{28}$$

B

$$-\sqrt[3]{15}$$

C

$$-\frac{1}{4}\pi$$