



REAL NUMBERS

CLASS IX - WORKSHEET

Choose Correct option



1 $\sqrt{2} / 5$ is :

A a rational

B an irrational

C a and b

D imaginary

2 The square root of 16 is:

A 2

B 4

C 8

D 16

3 Which of the following is a natural number?

A -2

B 0

C $1/2$

D 3

4 Which of the following is an irrational number?

A 0.5

B 1.414213...

C $2/3$

D 0

5 Which of the following is a terminating decimal?

A $1/3$

B 0.625

C $\sqrt{2}$

D 0.333...

6 The number 0 is:

A A rational number

B An irrational number

C A natural number

D Neither rational nor irrational

7 Rationalising factor of $(5 - \sqrt{7})$

A $(5 - \sqrt{7})$

B $(5 + \sqrt{7})$

C 0

D 1

8 The sum of a rational number and an irrational number is always:

A Rational

B Irrational

C Integer

D Whole number

9 Which of the following is a prime number?

A 1

B 2

C 4

D 6

10 $(\sqrt{11} + 3)(\sqrt{11} - 3) =$

A 8

B 22

C 2

D 0



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