

QUIZIZZ Worksheets

math G8

Total questions: 13

Worksheet time: 13mins

Instructor name: hager samir

Name

Class

Date

1. The irrational number from the following numbers is.....

a) $\sqrt[3]{8}$

b) $\sqrt{\frac{1}{4}}$

c) $\sqrt{\frac{4}{9}}$

d) $\sqrt{2}$

2. $[-2,5] - \{-2,5\} = \dots\dots\dots$

a) $] -2 , 5 [$

b) $[-2 , 5 [$

c) $\{-2,5\}$

d) \mathbb{R}

3. The irrational number included between 3 and 4 is

a) $\sqrt{7}$

b) $3\frac{1}{4}$

c) $\sqrt{10}$

d) $\sqrt[3]{12}$

4. if $\frac{x}{4} = \frac{16}{x^2}$, then $x =$

Ans. _____

5. The square whose side length is $\sqrt{5}$ cm., its area is..... cm

Ans. _____

6. $\sqrt[3]{4 + \dots} = 3$

Ans. _____

7. The multiplicative inverse of the number $\sqrt{3}$ is

a) $\frac{\sqrt{3}}{3}$

b) 3

c) -3

d) $\frac{3}{\sqrt{3}}$

8. The s.s of the $x^2 - 8 = 0$ in R is

a) $\pm 2\sqrt{2}$

b) $2\sqrt{2}$

c) 2

d) ± 2

9. $\mathbb{R}^+ \cap \mathbb{R}^- =$

a) {1}

b) Φ

c) Q

d) {0}

10. The nearest integer $\sqrt[3]{-28}$ is

a) 4

b) -3

c) -30

d) 3

11. The sum of real numbers in the interval $]-4, 4]$ equals

a) 0

b) -4

c) 1

d) 4

12. $]1, \infty [\cup]-\infty, 1 [$

a) \mathbb{R}

b) $\mathbb{R} - \{1\}$

c) 0

d) $]0, 1 [$

13. IF $X = [2, 5]$, $Y = [0, 3]$

1-Write X using the description method

2-Represent X,Y on the number line

3-Find : X-Y as an interval by using the number line . is $\sqrt{29} \in X - Y$?
