

MATHS TEST CLASS 8

Name *

Noble Tiwari

Email

amrita.tiwarimk@gmail.com

2 points

Find x , if $9 \times 3^x = (27)^{2x-3}$

- ☐ 5/11
- ☐ -5/11
- ☒ 11/5
- ☐ -11/5

2 points

$$\left(-\frac{1}{3}\right)^4 \div \left(-\frac{1}{3}\right)^8 \times \left(-\frac{1}{3}\right)^5$$

- ☐ -2
- ☐ -3
- ☐ 2/3
- ☒ -1/3

2 points

$$\left[\left(\frac{1}{4}\right)^{-3} - \left(\frac{1}{3}\right)^{-3}\right] \div \left(\frac{1}{6}\right)^{-3}$$

- ☐ None of these
- ☒ 37/216
- ☐ -37/216
- ☐ -216/37

2 points

$$(3^{-1} \times 9^{-1}) \div 3^{-2}$$

- ☒ 1/3
- ☐ 3/2
- ☐ 1/9
- ☐ 2/9

2 points

$$\left[\left(-\frac{3}{4} \right)^{-2} \right]^2$$

- ☐ 3
- ☐ -81/200
- ☐ 200/81
- ☒ 256/81

Find the smallest number by which 2592 be multiplied so that the product is a perfect square. 2 points

- ☐ none of these
- ☐ 4
- ☐ 3
- ☒ 2

Find the square root of : 2 points

$$\sqrt{0.1764}$$

- ☐ 0.52
- ☒ 0.42
- ☐ 1.11
- ☐ 0.1

3 points

Find the smallest perfect square divisible by 3, 4, 5 and 6.

- ☐ 200
- ☒ 900
- ☐ 12
- ☐ 60

4 points

Question 9. Out of 745 students, maximum is to be arranged in the school field for a PT. display, such that the number of rows is equal to the number of columns. Find the number of rows if 16 students were left out after the arrangement.

Solution:

- ☐ 33
- ☒ 27
- ☐ 13
- ☐ 1

4 points

82.6 correct to two places of decimal.

- ☒ 9.09
- ☐ 8.09
- ☐ 2.03
- ☐ .03

Submission Tracking ID - DO NOT CHANGE *

This is important for tracking purposes. Do not change. Any change in this will make your submission void

d27a6074-f558-4d48-9336-666c6582cbc8

This content is neither created nor endorsed by Google.

Google Forms