



spardhaguru2022



Spardhaguru Current affairs

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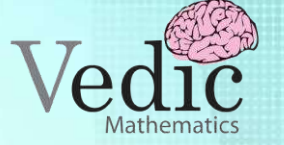
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1) What is the square of 86?

86 ರ ವರ್ಗ ಯಾವುದು?

- a) 7396 b) 7366
c) 7426 d) 7436

2) What is the square root of 17424?

17424 ರ ವರ್ಗಮೂಲ ಯಾವುದು? [RRB ALP 2018]

- a) 128 b) 132
c) 138 d) 136

3) The value of $\sqrt{0.0144}$ is

$\sqrt{0.0144}$ ನ ವರ್ಗಮೂಲ ಯಾವುದು? [RRB NTPC 2018]

- a) 0.12 b) 0.012
c) 1.2 d) 0.0012

4) By what least number should 1200 be multiplied so that it becomes a perfect square?

1200 ಅನ್ನು ಯಾವ ಕನಿಷ್ಠ ಸಂಖ್ಯೆಯಿಂದ ಗುಣಿಸಬೇಕು, ಇದರಿಂದ ಅದು ಪರಿಪೂರ್ಣ ವರ್ಗವಾಗುತ್ತದೆ? [SSC CGL 2017]

- a) 2 b) 3
c) 5 d) 13

5) By which smallest number must 3600 be divided, so that the quotient will be perfect cube?

- a) 450 b) 216000
c) 4 d) 225

6) By what least number should 1200 be multiplied so that it becomes a perfect cube?

1200 ಅನ್ನು ಯಾವ ಕನಿಷ್ಠ ಸಂಖ್ಯೆಯಿಂದ ಗುಣಿಸಬೇಕು, ಇದರಿಂದ ಅದು ಪರಿಪೂರ್ಣ ವರ್ಗವಾಗುತ್ತದೆ? [SSC CGL 2017]

7) If $x = \sqrt{125} \times \sqrt{30} \times \sqrt{6}$, then x is equal to

$x = \sqrt{125} \times \sqrt{30} \times \sqrt{6}$, ಆಗ x ಸಮಾನವಾಗಿರುತ್ತದೆ

[RRB ALP 2019]

- a) 125 b) 175
c) 136 d) 150

8) Find the simplest value of

$2\sqrt{50} + \sqrt{18} - \sqrt{72}$. (Given $\sqrt{2} = 1.414$)

ಸರಳವಾದ ಮೌಲ್ಯವನ್ನು ಕಂಡುಹಿಡಿಯಿರಿ

$2\sqrt{50} + \sqrt{18} - \sqrt{72}$. ($\sqrt{2} = 1.414$) [SSC CGL 2013]

- a) 9.898 b) 10.312
c) 8.484 d) 4.242

9) Find the simplest value of

$2\sqrt{54} + 2\sqrt{288} - \sqrt{72}$. (Given $\sqrt{2} = 1.414$)

10) What is the value of

$$\sqrt{8 + \sqrt{57 + \sqrt{38 + \sqrt{108 + \sqrt{169}}}}} = ?$$

- a) 4 b) 6 c) 7 d) 13

11) What is the value of positive square root of $4 + \sqrt{12}$?

12) What is the value of positive square root of $48 + 24\sqrt{3}$?

$48 + 24\sqrt{3}$ ನ ಧನಾತ್ಮಕ ವರ್ಗಮೂಲದ ಮೌಲ್ಯ ಎಷ್ಟು?

- a) $3 + 2\sqrt{3}$ b) $6 + 2\sqrt{3}$
c) $6 - 2\sqrt{3}$ d) $6\sqrt{3} + 2$

13) A teacher wants to arrange his students in an equal number of rows and columns. If there 1369 students, the number of students in the last row are ಶಿಕ್ಷಕನು ತನ್ನ ವಿದ್ಯಾರ್ಥಿಗಳನ್ನು ಸಮಾನ ಸಂಖ್ಯೆಯ ಸಾಲುಗಳು ಮತ್ತು ಕಾಲಮ್‌ಗಳಲ್ಲಿ ಜೋಡಿಸಲು ಬಯಸುತ್ತಾನೆ. 1369 ವಿದ್ಯಾರ್ಥಿಗಳಿದ್ದರೆ, ಕೊನೆಯ ಸಾಲಿನಲ್ಲಿರುವ ವಿದ್ಯಾರ್ಥಿಗಳ ಸಂಖ್ಯೆ ಎಷ್ಟು? [SSC (10 + 2) 2014]

- a) 37 b) 33 c) 63 d) 47

14) What is the value of $\sqrt[3]{157464}$?

- a) 64 b) 66
c) 54 d) 56





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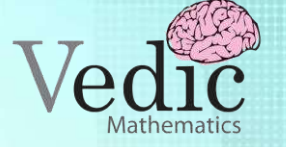
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15) The simplest value of $\sqrt[3]{4\frac{12}{125}}$ is

a) $1\frac{3}{5}$
c) $2\frac{2}{5}$

b) $1\frac{2}{5}$
d) $1\frac{4}{5}$

16) If the cube root of 175616 is 56, then find the value of

$$\sqrt[3]{175.616} + \sqrt[3]{0.175616} + \sqrt[3]{0.000175616}$$

a) 0.168
c) 6.216

b) 62.16
d) 6.116

18) Which of the following statements is / are true?

I. $\sqrt{441} + \sqrt{144} > \sqrt{961}$

II. $(\sqrt{225} - \sqrt{169})^2 < 5$

a) Only I

b) Only II

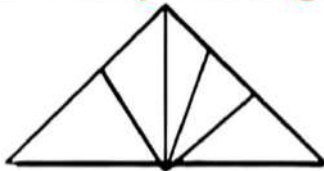
c) Both I and II

d) Neither I nor II



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How Many Triangles



a) 9

b) 12

c) 11

d) 10

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