

| S.No | Question                                      | Answer Options  |
|------|---|---|
| 1    | Choose the correct option : $81 \times 625 =$ | <div style="display: flex; flex-direction: column; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"><math>3^3 * 5^3</math></div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"><math>3^4 * 5^4</math></div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"><math>3^4 * 5^3</math></div> <div style="border: 1px solid black; padding: 5px;"><math>3^3 * 5^4</math></div> </div> <div style="display: flex; flex-direction: column; align-items: center; margin-top: 10px;"> <input type="checkbox"/><br/> <input type="checkbox"/><br/> <input type="checkbox"/><br/> <input type="checkbox"/> </div>              |
| 2    | Choose the correct option : 256 is same as    | <div style="display: flex; flex-direction: column; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"><math>2^3 * 2^4</math></div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"><math>(2^4)^2</math></div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"><math>2^4 * 2^2</math></div> <div style="border: 1px solid black; padding: 5px;"><math>\text{None of the above}</math></div> </div> <div style="display: flex; flex-direction: column; align-items: center; margin-top: 10px;"> <input type="checkbox"/><br/> <input type="checkbox"/><br/> <input type="checkbox"/><br/> <input type="checkbox"/> </div> |

3

Choose the correct option : Square root of  $10\frac{74}{109}$  is given by

- $\sqrt{10 + \sqrt{74/13}}$
- $42/13$
- $41/13$
- $43/13$

4

Fill in the blanks : 4104 is sum of two cubes. They are 4096 + \_\_\_\_\_ .

Answer  
\_\_\_\_\_

5

Choose the correct option :  $3b-2$

- $3/b^2$
- $2/b^2$

Correct Answer is

1. Correct Ans option is  $3^4 * 5^4$
2. Correct Ans option is  $(2^4)^2$
3. Correct Ans option is  $42/13$
4. Correct Answer is 8
5. Correct Ans option is  $3/b^2$