

S.No	Question	Answer Options	
1	Choose the correct option : Factorise $8x^3 - 27y^3$ is _____ .	$(2x - 3y)^3$	<input type="checkbox"/>
		$(22x - 3y) [ 2x^2 - 6xy + 3y^2 ]$	<input type="checkbox"/>
		$(2x^2 - 3y^2) (2x - 3y)$	<input type="checkbox"/>
		$(2x - 3y) [4x^2 + 6xy + 9y^2]$	<input type="checkbox"/>
2	Choose the correct option : Four fifth of a number is 10 more than $\frac{2}{3}$ rd of the number. The number is _____ .	45	<input type="checkbox"/>
		60	<input type="checkbox"/>
		75	<input type="checkbox"/>
		-75	<input type="checkbox"/>

3

Choose the correct option :  
Factors of  $x^2 - 6x - 135$  are \_\_\_\_\_.

- $(x - 9)(x - 15)$
- $(x - 9)(x + 15)$
- $(x + 9)(x - 15)$
- $(x - 5)(x + 27)$

4

Solve the multistep equation to find the value of  $x$  :  $9 = x - 5 + 8 =$  \_\_\_\_\_

Answer

\_\_\_\_\_

5

State true or false : Convert the statement into equation : 3 subtracted from a number is equal to 12 =  $x - 3 = 12$

- True
- False

Correct Answer is

1. Correct Ans option is  $(2x - 3y) [4x^2 + 6xy + 9y^2]$
2. Correct Ans option is 75
3. Correct Ans option is  $(x - 9) (x + 15)$
4. Correct Answer is 6
5. Correct Ans option is True