



MATHS

BOOKS - NAVNEET PUBLICATION MAHARASHTRA BOARD

EQUATIONS

Question Bank

1. Different mathematical operations are given

in the two rows below. Find out the number

you get in each operation and make equations.

 $16 \div 2$,



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2. Different mathematical operations are given in the two rows below. Find out the number you get in each operation and make equations.

 5×2



3. Different mathematical operations are given in the two rows below. Find out the number you get in each operation and make equations.

9 + 4



4. Different mathematical operations are given in the two rows below. Find out the number you get in each operation and make

equations.

 $72 \div 3$



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5. Different mathematical operations are given in the two rows below. Find out the number you get in each operation and make equations.

4 + 5



6. Different mathematical operations are given in the two rows below. Find out the number you get in each operation and make equations.

 8×3 ,



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7. Different mathematical operations are given in the two rows below. Find out the number you get in each operation and make

equations.

19 - 10,



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8. Different mathematical operations are given in the two rows below. Find out the number you get in each operation and make equations.

10 - 2



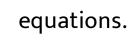
9. Different mathematical operations are given in the two rows below. Find out the number you get in each operation and make equations.

37 - 27,



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10. Different mathematical operations are given in the two rows below. Find out the number you get in each operation and make



6 + 7,



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11. Write the following using a letter

The sum of a certain number and 3.



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12. Write the following using a letter

The number obtained by subtracting 11 from

another number. **Watch Video Solution 13.** Write the following using a letter The product of 15 and another number. **Watch Video Solution 14.** Write the following using a letter Four times a number is 24 **Watch Video Solution**

15. Solve the following equations:

$$x + 9 = 11$$



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16. solve the following equations:

$$x - 4 = 9$$



17. Find out which operation must be done on both sides of these equations in order to solve them:

$$8x = 24$$



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18. Find out which operation must be done on both sides of these equations in order to solve them:

$$\frac{x}{e} = 3$$



19. Given below are some equations and the values of variables. Are these values the solutions to the corresponding equations ?

No.	Equation	Value of the variable	Solution (Yes/No)
1	y - 3 = 11	y = 3	No
2	17 = n + 7	n = 10	Yes
3	30 = 5x	x = 6	Yes
4	$\frac{m}{2} = 14$	m = 7	No



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20. Solve the following equations:

$$y - 1 = 5$$

21. Solve the following equations:

$$8 = t + 5$$



22. Solve the following equations:

4x = 52



23. Solve the following equations :

$$19 = m - 4$$



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24. Solve the following equations :

$$\frac{p}{4} = 9$$



25. Solve the following equations:

$$x + 10 = 5$$



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26. Solve the following equation :

$$m-5 = -12$$



27. Solve the following equation:

$$p + 4 = -1$$



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28. Write the given information as an equation and find its solution :

Haraba owned some sheep. After selling 34 of them in the market, he still had 176 sheep. How many sheep did Haraba have at first?



29. Write the given information as an equation and find its solution :

Sakshl prepared some jam at home and filled it in bottles. After giving away 7 of the bottles to her friends she still has 12 for herself. How many bottles had she made in all? If she filled 250 g of jam in each bottle, what was the total weight of the jam she prepared?



30. Write the given information as an equation and find its solution :

Archana bought some kilograms of wheat. She requires 12 kg per month and she got enough wheat milled for 3 months. After that, she had 14 kg of wheat left. How much wheat had Archana bought altogether?



31. Tell the algebraic expression for each of the following :

25 more than x.



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32. Tell the algebraic expression for each of the following:

12 less than x.



33. Tell the algebraic expression for each of the following:

5 times y



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34. Tell the algebraic expression for each of the following :

 $\frac{1}{4}$ th of m



35. In a Math Test, Ankush gets y marks. Amit gets 7 marks more than Ankush and Ahmed gets 1 mark less than Amit. How many marks did Amit and Ahmed get?

