



MATHS

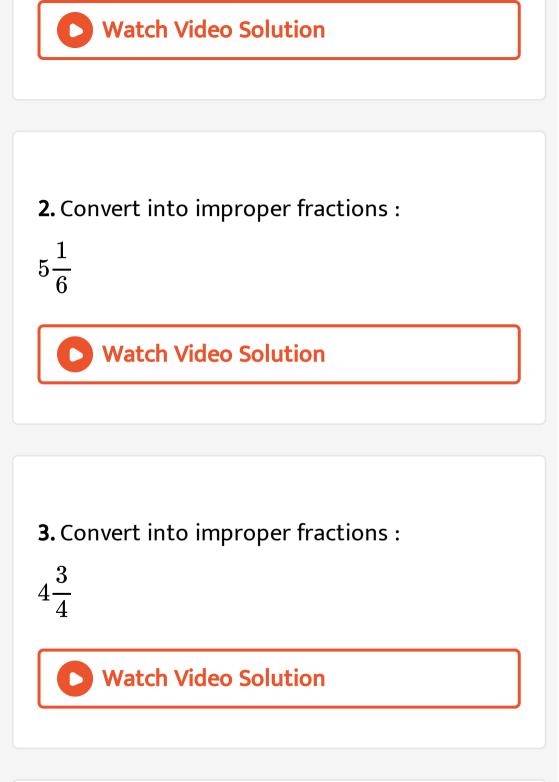
BOOKS - NAVNEET MATHS (MARATHI ENGLISH)

OPERATIONS ON FRACTIONS

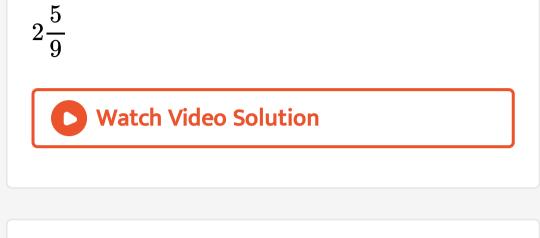
Question Bank

1. Convert into proper fractions :

 $7\frac{2}{5}$

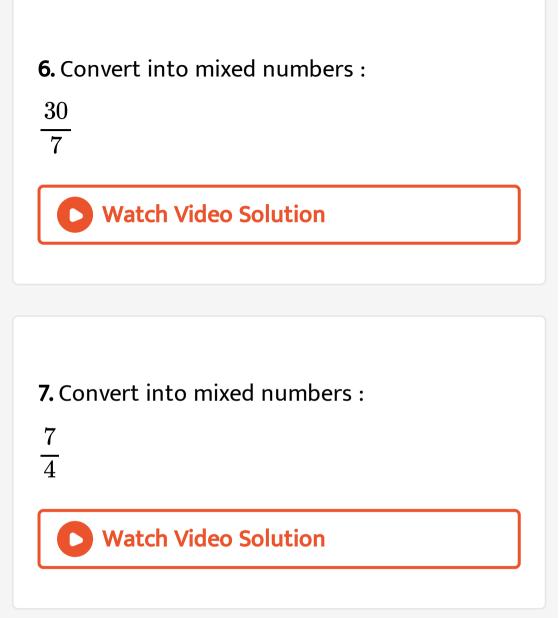


4. Convert into improper fractions :



- 5. Convert into improper fractions :
- $1\frac{5}{7}$





8. Convert into mixed numbers :

 $\frac{15}{12}$



9. Convert into mixed numbers :

11 8



10. Convert into mixed numbers : 214 Watch Video Solution 11. Convert into mixed numbers : 20 $\mathbf{7}$ Watch Video Solution

12. Write the following examples using fractions :

If 9 kg of rice is shared equally among 5 persons, how many kilograms of rice does each person get ?

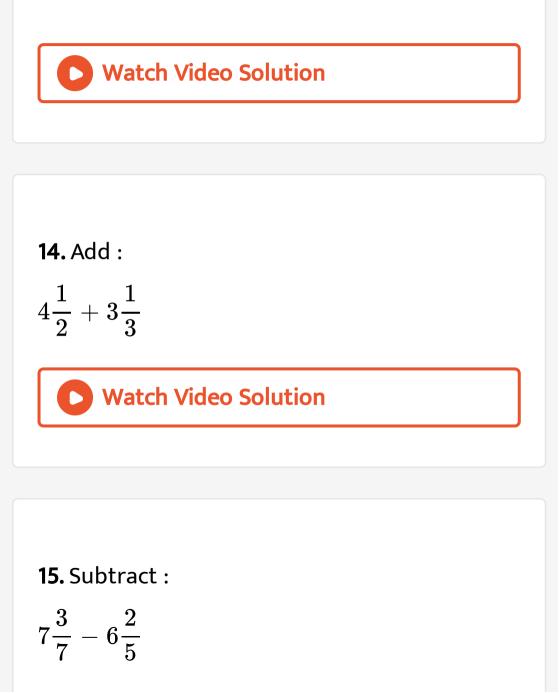
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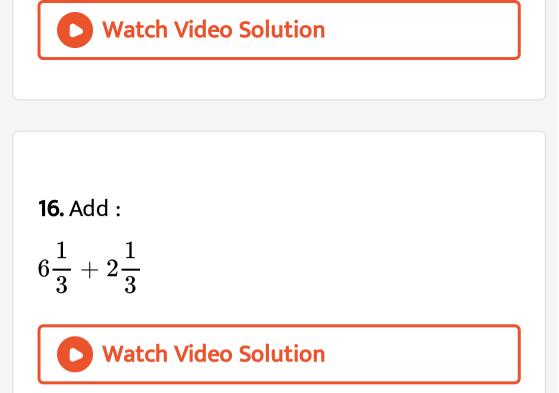
13. Write the following examples using fractions :

To make 5 shirts of the same size, 11 metres of

cloth is needed. How much cloth is needed for

one shirt?





17. Add
$$:$$
 $1rac{1}{4}+3rac{1}{2}$

18. Add : $5\frac{1}{5} + 2\frac{1}{7}$ Watch Video Solution

19. Add :
$$3\frac{1}{5}+2\frac{1}{3}$$

20. Subtract :

$$3\frac{1}{3}-1\frac{1}{4}$$

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$$5rac{1}{2}-3rac{1}{3}$$

22. Solve any four sub questions from the

following :

$$\mathsf{Subtract}: 7\frac{1}{8}-6\frac{1}{10}$$



23. Subtract :

$$7\frac{1}{2} - 3\frac{1}{5}$$

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24. Solve :

Suyash bought $2\frac{1}{2}$ kg of sugar and Ashish bought $3\frac{1}{2}$ kg of sugar. How much sugar did they buy altogether? If sugar costs 32 per kg, how much did they spend on the sugar they bought ?

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25. Solve :

Aradhana grows potatoes $rac{2}{5}$ the part of her

garden, green leafy vegetables in part 1/3 and

brinjals in the remaining part. On how much of

her plot did she plant brinjals?

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26. Solve :

Sandeep filled water in $\frac{4}{5}$ th of an empty tank. After that, Ramakant filled $\frac{1}{4}$ th part more of the same tank. Then Umesh used $\frac{3}{14}$ th part of the tank to water the garden. If the tank has a maximum capacity of 560 litres, how much

water is left in the tank now?



27. What fractions do the points A and B on

the number lines below, show?





28. What fractions do the points A and B on

the number lines below, show?





29. What fractions do the points A and B on

the number lines below, show?



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30. Show the following fractions on the

Number line:

$$\frac{3}{5}, \frac{6}{5}, 2\frac{3}{5}$$

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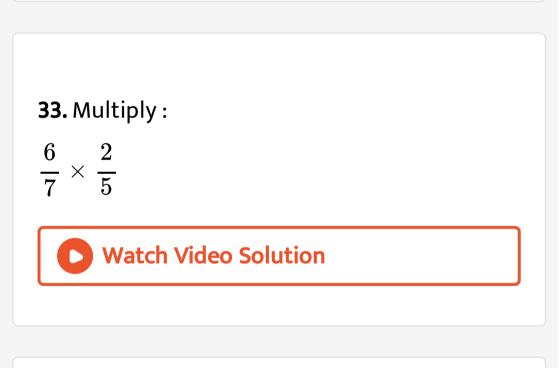
31. Show the following fractions on the Number line:

$$\frac{3}{4}, \frac{5}{4}, 2\frac{1}{4}$$

32. Multiply :

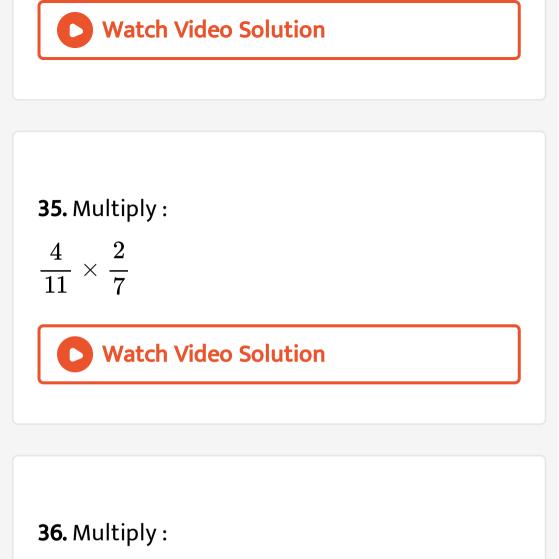
 $\frac{7}{5}\times\frac{1}{4}$

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34. Multiply :

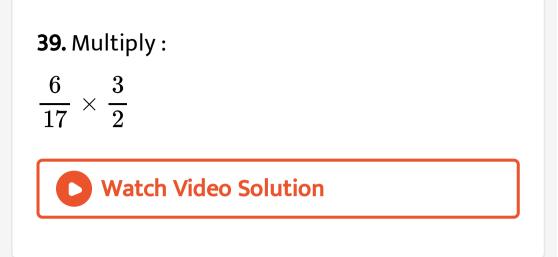
 $rac{5}{9} imesrac{4}{9}$





37. Multiply : $\frac{9}{7} \times \frac{7}{8}$ **Watch Video Solution**



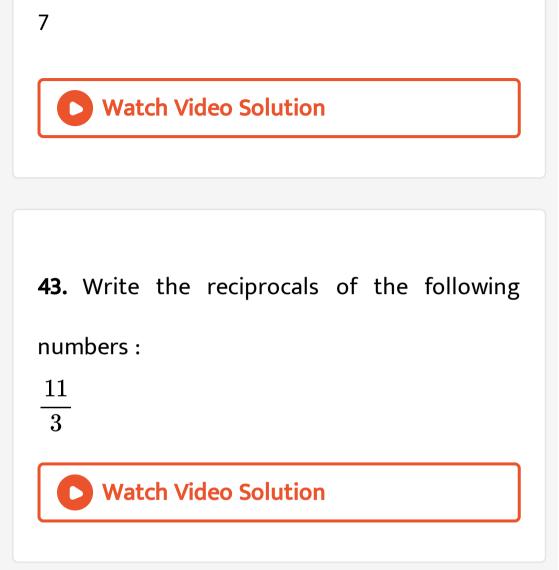


40. Ashokrao planted bananas on $\frac{2}{7}$ th of his field of 21 acres. What is the area of the banana plantation?

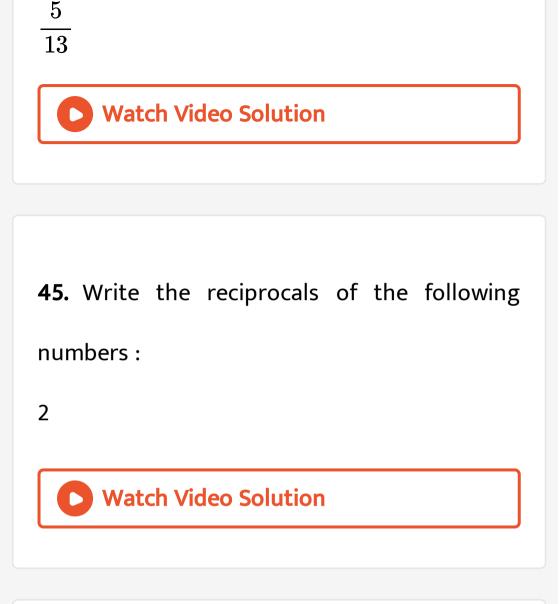
41. On the total number of soldiers In our army, $\frac{4}{9}$ th are posted on the northern border and one-third of them on the northeastern border. If the number of soldiers on the northern border Is 5,40,000, how many are posted on the northeastern border?

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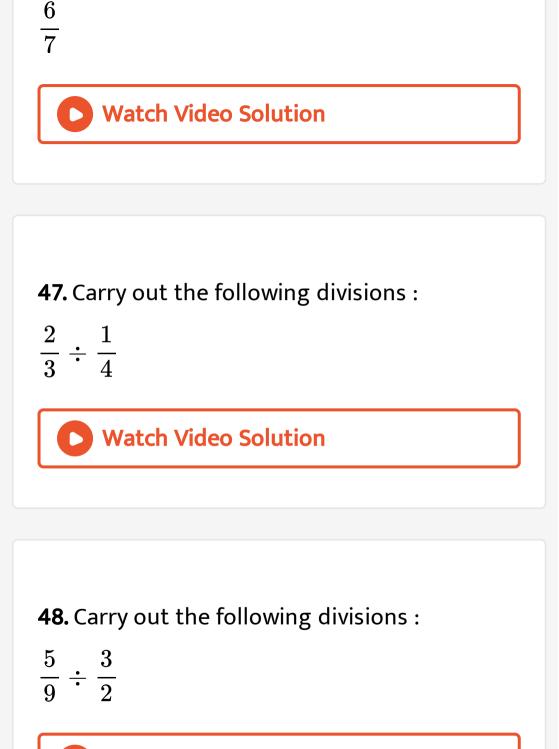
42. Write the reciprocals of the following numbers :



44. Write the reciprocals of the following numbers :



46. Write the reciprocals of the following numbers :



49. Carry out the following divisions :

$$\frac{3}{7} \div \frac{5}{11}$$

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50. Carry out the following divisions :

$$\frac{11}{12} \div \frac{4}{7}$$

51. Four hundred and twenty students participated in the Swachh Bhaarat campaign. They cleaned $\frac{42}{75}$ th part of the town, Sevagram. What part of Sewagram did each student clean, if the work was equally shared by all ?

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52. What is a proper fraction ?

53. What is an improper fraction?



54. What is the reciprocal of

12

55. What is the reciprocal of 3 4 Watch Video Solution 56. What is the reciprocal of $\frac{5}{3}$ Watch Video Solution

57. Which integer does not have a reciprocal ?

