



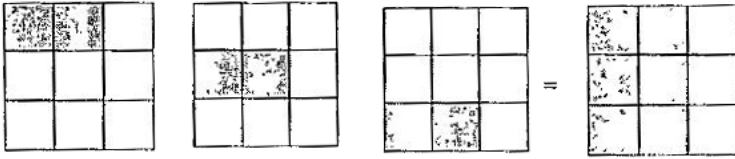
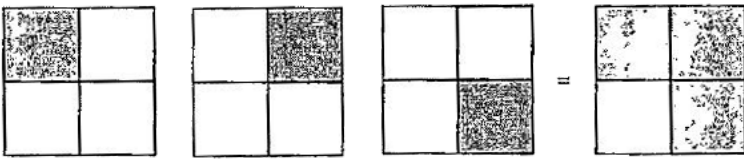
MATHS

BOOKS - NAND LAL PUBLICATION

FRACTIONS AND DECIMALS

Questions

1. Can you tell what this picture will represent ? (fig. 2.4)



Watch Video Solution

2. Can you tell $3 \times \frac{2}{7} = ?$, $4 \times \frac{3}{5} = ?$



Watch Video Solution

3. $3 \times \frac{8}{7} = ?$, $4 \times \frac{7}{5} = ?$



Watch Video Solution

4. Find $3 \div \frac{1}{2}$



Watch Video Solution

5. Observe these products and fill in the blanks

| | |
|--|--|
| $7 \times \frac{1}{7} = 1$ | $\frac{5}{4} \times \frac{4}{5} = \frac{5 \times 4}{4 \times 5} = \frac{20}{20} = 1$ |
| $\frac{1}{9} \times 9 = 1$ | $\frac{2}{7} \times \frac{7}{2} = 1$ |
| $\frac{2}{3} \times \frac{3}{2} = \frac{2 \times 3}{3 \times 2} = \frac{6}{6} = 1$ | $\frac{9}{5} \times \frac{5}{9} = 1$ |



Watch Video Solution

6. What is the reciprocal $\frac{1}{9}$?`



Watch Video Solution

7. What is the reciprocal $\frac{2}{7}$?



Watch Video Solution

8. Write 75 paise = Rs.



Watch Video Solution

9. $250\text{g} = \dots\dots\dots\text{kg}$



[Watch Video Solution](#)

10. $85\text{cm} = \dots\dots\dots\text{m}$



[Watch Video Solution](#)

11. What is the value of $0.19 + 2.3$?



[Watch Video Solution](#)

12. Tell the value of $39.87 - 21.98$



[Watch Video Solution](#)

13. Find 0.2×0.4



[Watch Video Solution](#)

14. Find 1.5×1.6



[Watch Video Solution](#)

15. Find 2.4×4.2



Watch Video Solution

16. Find 2.7×1.35



Watch Video Solution

Try These

1. Find $\frac{2}{7} \times 3$ If the product is an improper fraction express it as a mixed fraction



[Watch Video Solution](#)

2. Find $\frac{9}{7} \times 6$ If the product is an improper fraction express it as a mixed fraction



[Watch Video Solution](#)

3. Find $3 \times \frac{1}{8}$ If the product is an improper fraction express it as a mixed fraction



[Watch Video Solution](#)

4. Find $\frac{13}{11} \times 6$ If the product is an improper fraction express it as a mixed fraction



[Watch Video Solution](#)

5. Represent pictorially : $2 \times \frac{2}{5} = \frac{4}{5}$



[Watch Video Solution](#)

6. Find $5 \times 2\frac{3}{7}$



[Watch Video Solution](#)

7. Find $1\frac{4}{9} \times 6$



[Watch Video Solution](#)

8. Can you tell, what is

$\frac{1}{2}$ of 10 ?



[Watch Video Solution](#)

9. Can you tell, what is

$\frac{1}{4}$ of 16 ?



[Watch Video Solution](#)

10. Can you tell, what is

$\frac{2}{5}$ of 25 ?



Watch Video Solution

11. Fill in these boxes :

$$\frac{1}{2} \times \frac{1}{7} = \frac{1 \times 1}{2 \times 7} = \square$$



Watch Video Solution

12. Fill in these boxes :

$$\frac{1}{5} \times \frac{1}{7} = \square = \square$$



 Watch Video Solution

13. Fill in these boxes :

$$\frac{1}{7} \times \frac{1}{2} = \square = \square$$

 Watch Video Solution

14. Fill in these boxes :

$$\frac{1}{7} \times \frac{1}{5} = \square = \square$$

 Watch Video Solution

15. Find : $\frac{1}{3} \times \frac{4}{5}, \frac{2}{3} \times \frac{1}{5}$



Watch Video Solution

16. Find : $\frac{8}{3} \times \frac{4}{7}, \frac{3}{4} \times \frac{2}{3}$



Watch Video Solution

17. $7 + \frac{2}{5} = 7 \times$ reciprocal of $\frac{2}{5}$



Watch Video Solution

18. $6 + \frac{4}{7} = 6 \times$ reciprocal of $\frac{4}{7}$



Watch Video Solution

$$19. 2 \div \frac{8}{9} = 2 \times \text{reciprocal of } \frac{8}{9}$$

 [Watch Video Solution](#)

$$20. \text{ Find } 6 \div 5\frac{1}{3} = 6 \div \frac{5 \times 3 \times 1}{3} = 6 \div \frac{16}{3}$$

 [Watch Video Solution](#)

$$21. \text{ Find } 7 \div 2\frac{4}{7} = 7 \div \frac{2 \times 7 \times 4}{7} \div \frac{18}{7}$$

 [Watch Video Solution](#)

22. Find $\frac{3}{5} \div \frac{1}{2}$



Watch Video Solution

23. Find $\frac{1}{2} \div \frac{3}{5}$



Watch Video Solution

24. Find $2\frac{1}{2} \div \frac{3}{5}$



Watch Video Solution

25. $5\frac{1}{6} \div \frac{9}{2}$



Watch Video Solution

26. Find 2.7×4



Watch Video Solution

27. Find 1.8×1.2



Watch Video Solution

28. Find 2.3×4.35



Watch Video Solution

29. Arrange the products obtained in 1 in descending order. So the products obtained in (1) are 10.8, 2.16, 10.005



Watch Video Solution

30. can you tell

$2.97 \times 10 = ?$ $2.97 \times 100 = ?$ $2.97 \times 1000 = ?$



Watch Video Solution

31. Can you help Reshma to find the total amount i.e
Rs. 8.50×150 , that she has to pay ?



Watch Video Solution

32. Find

$$0.3 \times 10$$



Watch Video Solution

33. Find

$$1.2 \times 100$$



Watch Video Solution



Watch Video Solution

34. Find

$$56.3 \times 1000$$



Watch Video Solution

35. Find

$$235.4 \div 10$$



Watch Video Solution

36. Find

$$235.4 \div 100$$



Watch Video Solution

37. Find

$$2354 \div 1000$$



Watch Video Solution

38. Find

$$35.7 \div 3 = ?$$



Watch Video Solution



Watch Video Solution

39. Find

$$25.5 \div 3 = ?$$



Watch Video Solution

40. Find

$$43.15 \div 1 = ?$$



Watch Video Solution

41. Find

$$82.44 \div 6 = ?$$



Watch Video Solution

42. Find

$$15.5 \div 5$$



Watch Video Solution

43. Find

$$126.35 \div 7$$



Watch Video Solution



Watch Video Solution

44. Find

$$\begin{array}{r} 7.75 \\ \hline 0.25 \end{array}$$



Watch Video Solution

45. Find

$$\begin{array}{r} 42.8 \\ \hline 0.02 \end{array}$$



Watch Video Solution

46. Find

$$\frac{5.6}{1.4}$$



Watch Video Solution

Think Discuss And Write

1. Will the reciprocal of a proper fraction be again a proper fraction?



Watch Video Solution

2. Will the reciprocal of an improper fraction be again an improper fraction?



[Watch Video Solution](#)

Exercise 2 1

1. Solve.

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



[Watch Video Solution](#)

2. Solve.

$$4 + \frac{7}{8} = \frac{4}{1} + \frac{7}{8}$$



Watch Video Solution

3. Solve.

$$\frac{3}{5} + \frac{2}{7}$$



Watch Video Solution

4. Solve:

$$\frac{9}{11} - \frac{4}{15}$$





Watch Video Solution

5. Solve:

$$\frac{7}{10} + \frac{2}{5} + \frac{3}{2}$$



Watch Video Solution

6. Solve.

$$2\frac{2}{3} + 3\frac{1}{2} = \frac{3 \times 2 + 2}{3} + \frac{2 \times 3 + 1}{2} = \frac{8}{3} + \frac{7}{2}$$



Watch Video Solution

7. Solve.

$$8\frac{1}{2} - 3\frac{5}{8} = \frac{2 \times 8 + 1}{2} - \frac{8 \times 3 + 5}{8} = \frac{17}{2} - \frac{29}{8}$$



[Watch Video Solution](#)

8. Arrange the following in descending order.

$$\frac{2}{9}, \frac{2}{3}, \frac{8}{21}$$



[Watch Video Solution](#)

9. Arrange the following in descending order:

$$\frac{1}{5}, \frac{3}{7}, \frac{7}{10}$$



[Watch Video Solution](#)

[Watch Video Solution](#)

10. In a "magic square" the sum of the numbers in each row in each column and along the diagonals is the same. Is this a magic square ?

| | | |
|----------------|----------------|----------------|
| $\frac{4}{11}$ | $\frac{9}{11}$ | $\frac{2}{11}$ |
| $\frac{3}{11}$ | $\frac{5}{11}$ | $\frac{7}{11}$ |
| $\frac{8}{11}$ | $\frac{1}{11}$ | $\frac{6}{11}$ |

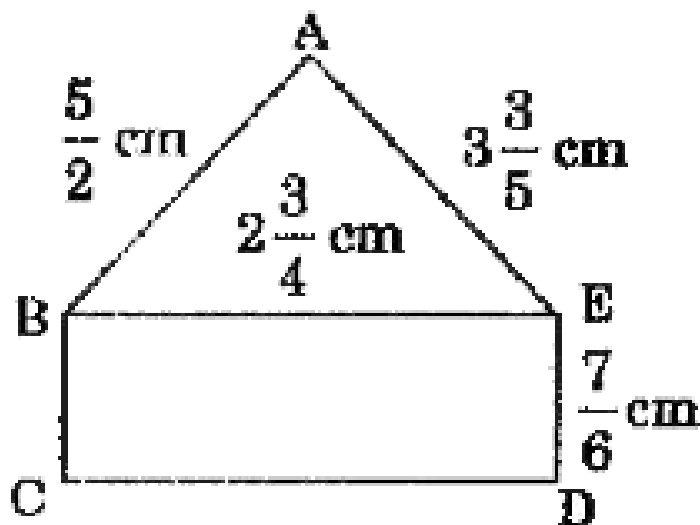
[Watch Video Solution](#)

11. A rectangular sheet of paper is $12\frac{1}{2}$ cm long and $10\frac{2}{3}$ cm wide. Find its perimeter.

 Watch Video Solution

12. Find the perimeter of

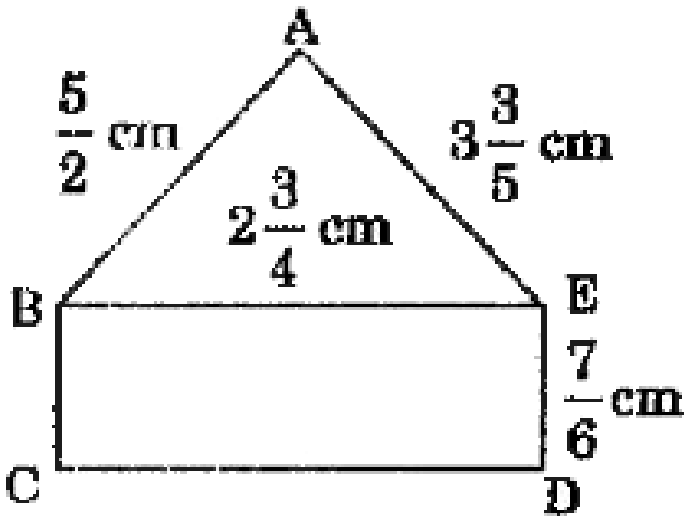
$\triangle ABE$



 Watch Video Solution

13. Find the perimeter of
the rectangle BCDE in the figure.

Whose perimeter is greater ?



 Watch Video Solution

14. Salil wants to put a picture in a frame. The picture is $7\frac{3}{5}$ cm wide. To fit in the frame the picture cannot be more than $7\frac{3}{10}$ cm wide. How much should the picture be trimmed?



[Watch Video Solution](#)

15. Ritu ate $\frac{3}{5}$ part of an apple and remaining apple was eaten by her brother Somu. How much part of the apple did Somu eat? Who had the larger share? By how much?



[Watch Video Solution](#)

16. Michael finished colouring a picture in $\frac{7}{12}$ hour. Vaibhav finished colouring the same picture in $\frac{3}{4}$ hour. Who worked longer? By what fraction was it longer?

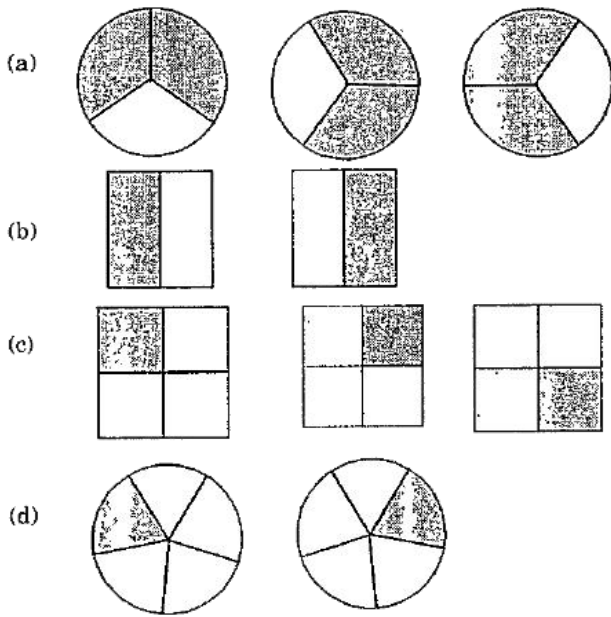


Watch Video Solution

Exercise 2 2

1. Write of the drawing (a) to (d) show :

(i) $2 \times \frac{1}{5}$ (ii) $2 \times \frac{1}{2}$ (iii) $3 \times \frac{2}{3}$ (iv) $3 \times \frac{1}{4}$

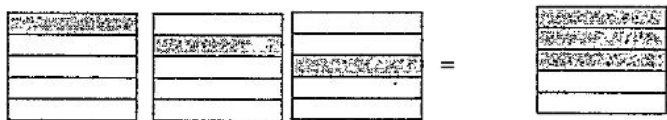
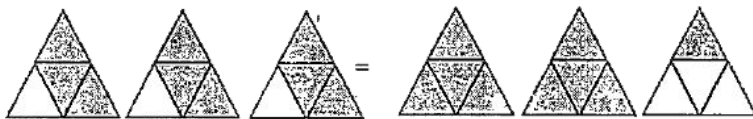


Watch Video Solution

2. Some pictures (a) to (c) are given below . Tell

which of them show :

$$(i) 3 \times \frac{1}{5} = \frac{3}{5} \quad (ii) 2 \times \frac{1}{3} = \frac{2}{3} \quad (iii) 3 \times \frac{3}{4} = 2\frac{1}{4}$$



 [Watch Video Solution](#)

3. Multiply and reduce to lowest form and convert into a mixed fraction:

$$7 \times \frac{3}{5}$$

 [Watch Video Solution](#)

4. Multiply and reduce to lowest form and convert into a mixed fraction:

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



Watch Video Solution

5. Multiply and reduce to lowest form and convert into a mixed fraction:

$$2 \times \frac{6}{7}$$



Watch Video Solution

6. Multiply and reduce to lowest form and convert into a mixed fraction:

$$5 \times \frac{2}{9}$$

 [Watch Video Solution](#)

7. Multiply and reduce to lowest form and convert into a mixed fraction:

$$\frac{2}{3} \times 4$$

 [Watch Video Solution](#)

8. Multiply and reduce to lowest form and convert into a mixed fraction.

$$\frac{5}{2} \times 6$$

 [Watch Video Solution](#)

9. Multiply and reduce to lowest form and convert into a mixed fraction:

$$11 \times \frac{4}{7}$$

 [Watch Video Solution](#)

10. Multiply and reduce to lowest form and convert into a mixed fraction:

$$20 \times \frac{4}{5}$$

 [Watch Video Solution](#)

11. Multiply and reduce to lowest form and convert into a mixed fraction:

$$13 \times \frac{1}{3}$$

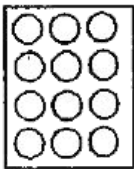
 [Watch Video Solution](#)

12. Multiply and reduce to lowest form and convert into a mixed fraction:

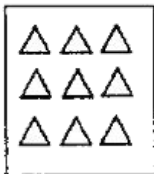
$$15 \times \frac{3}{5}$$

 [Watch Video Solution](#)

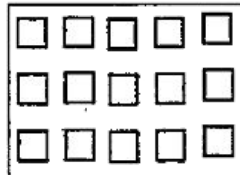
13. Shade (i) $\frac{1}{2}$ of circles in box (a) (ii) $\frac{2}{3}$ of the triangles in box (b) (iii) $\frac{3}{5}$ of the squares in box (c)



(a)



(b)



(c)

 [Watch Video Solution](#)

14. Find

$\frac{1}{2}$ of (i) 24 (ii) 46



Watch Video Solution

15. Find

$\frac{2}{3}$ of (i) 18 (ii) 27



Watch Video Solution

16. Find

$\frac{3}{4}$ of (i) 16 (ii) 36



Watch Video Solution

 Watch Video Solution

17. Find

$$\frac{4}{5} \text{ (i) } 20 \text{ (ii) } 35$$



Watch Video Solution

18. Multiply and express as a mixed fraction.

$$3 \times 5\frac{1}{5} = 3 \times \left(\frac{5 \times 5 + 1}{5} \right) = 3 \times \frac{26}{5}$$



Watch Video Solution

19. Multiply and express as a mixed fraction.

$$5 \times 6\frac{3}{4} = 5 \times \left(\frac{6 \times 4 + 3}{4} \right) = 5 \times \frac{27}{4}$$



[Watch Video Solution](#)

20. Multiply and express as a mixed fraction.

$$7 \times 2\frac{1}{4} = 7 \times \left(\frac{2 \times 4 + 1}{4} \right)$$



[Watch Video Solution](#)

21. Multiply and express as a mixed fraction: $4 \times 6\frac{1}{3}$



[Watch Video Solution](#)

22. Multiply and express as a mixed fraction: $3\frac{1}{4} \times 6$

 [Watch Video Solution](#)

23. Multiply and express as a mixed fraction: $3\frac{2}{5} \times 8$

 [Watch Video Solution](#)

24. Find

$\frac{1}{2}$ of (i) $2\frac{3}{4}$ (ii) $4\frac{2}{9}$

 [Watch Video Solution](#)

25. find $\frac{5}{8}$ of (i) $3\frac{5}{6}$ (ii) $9\frac{2}{3}$



[Watch Video Solution](#)

26. Vidya and Pratap went for a picnic. Their mother gave them a water bottle that contained 5 litres of water. Vidya consumed $\frac{2}{5}$ of the water. Pratap consumed the remaining water.

How much water did Vidya drink?



[Watch Video Solution](#)

1. Find :

$$\frac{1}{4} \text{ of (a) } \frac{1}{4} \text{ (b) } \frac{3}{5} \text{ (c) } \frac{4}{3}$$



[Watch Video Solution](#)

2. Find :

$$\frac{1}{7} \text{ of (a) } \frac{2}{9} \text{ (b) } \frac{6}{5} \text{ (c) } \frac{3}{10}$$



[Watch Video Solution](#)

3. Multiply and reduce to lowest form (if possible) :

$$\frac{2}{3} \times 2\frac{2}{3}$$





[Watch Video Solution](#)

4. Multiply and reduce to lowest form (if possible) :

$$\frac{2}{7} \times \frac{7}{9}$$



[Watch Video Solution](#)

5. Multiply and reduce to lowest form (if possible) :

$$\frac{3}{8} \times \frac{6}{4}$$



[Watch Video Solution](#)

6. Multiply and reduce to lowest form (if possible) :

$$\frac{9}{5} \times \frac{3}{5}$$



[Watch Video Solution](#)

7. Multiply and reduce to lowest form (if possible) :

$$\frac{1}{3} \times \frac{15}{8}$$



[Watch Video Solution](#)

8. Multiply and reduce to lowest form (if possible) :

$$\frac{11}{2} \times \frac{3}{10}$$



[Watch Video Solution](#)

 [Watch Video Solution](#)

9. Multiply and reduce to lowest form (if possible) :

$$\frac{4}{5} \times \frac{12}{7}$$

 [Watch Video Solution](#)

10. Multiply the following fractions:

$$\frac{2}{5} \times 5\frac{1}{4}$$

 [Watch Video Solution](#)

11. Multiply the following fractions:

$$6\frac{2}{5} \times \frac{7}{9}$$



[Watch Video Solution](#)

12. Multiply the following fractions:

$$\frac{3}{2} \times 5\frac{1}{3}$$



[Watch Video Solution](#)

13. Multiply the following fractions:

$$\frac{5}{6} \times 2\frac{3}{7}$$



[Watch Video Solution](#)



[Watch Video Solution](#)

14. Multiply the following fractions:

$$3\frac{2}{5} \times \frac{4}{7}$$



[Watch Video Solution](#)

15. Multiply the following fractions:

$$2\frac{3}{5} \times 3$$



[Watch Video Solution](#)

16. Multiply the following fractions:

$$3\frac{4}{7} \times \frac{3}{5}$$



Watch Video Solution

17. Which is greater:

$$\frac{2}{7} \text{ of } \frac{3}{4} \text{ or } \frac{3}{5} \text{ of } \frac{5}{8}$$



Watch Video Solution

18. Which is greater:

$$\frac{1}{2} \text{ of } \frac{6}{7} \text{ or } \frac{2}{3} \text{ of } \frac{3}{7}$$





Watch Video Solution

19. Saili plants 4 saplings, in a row, in her garden. The distance between two adjacent saplings is $\frac{3}{4}m$. Find the distance between the first and the last sapling.



Watch Video Solution

20. Lipika reads a book for $1\frac{3}{4}$ hours everyday. She reads the entire book in 6 days. How many hours in all were required by her to read the book?



Watch Video Solution

21. A car runs 16 km using 1 litre of petrol. How much distance will it cover using $2\frac{3}{4}$ litres of petrol.



Watch Video Solution

22. Provide the number in the box \square , such that

$$\frac{2}{3} \times \square = \frac{10}{30}$$

The simplest form of the number obtained in \square is

----.



Watch Video Solution

23. Provide the number in the box, such that

$$\frac{3}{5} \times \square = \frac{24}{75}.$$

The simplest form of the number obtained in \square

is___.



Watch Video Solution

24. Provide the number in the box, such that

$$\frac{3}{5} \times \square = \frac{24}{75}.$$

The simplest form of the number obtained in \square

is___.



Watch Video Solution

25. Provide the number in the box \square , such that

$$\frac{2}{3} \times \square = \frac{10}{30}$$

The simplest form of the number obtained in \square is

_____.



Watch Video Solution

Exercise 2 4

1. Find:

$$12 \div \frac{3}{4}$$



Watch Video Solution

2. Find:

$$14 \div \frac{5}{6}$$



Watch Video Solution

3. Find:

$$8 \div \frac{7}{3}$$



Watch Video Solution

4. Find:

$$4 \div \frac{8}{3}$$



Watch Video Solution



Watch Video Solution

5. Find:

$$3 \div 2\frac{1}{3}$$



Watch Video Solution

6. Find:

$$5 \div 3\frac{4}{7}$$



Watch Video Solution

7. Find the reciprocal of each of the following fractions. Classify the reciprocals as proper fractions, improper fractions and whole numbers.

$$\frac{3}{7}$$



[Watch Video Solution](#)

8. Find the reciprocal of each of the following fractions. Classify the reciprocals as proper fractions, improper fractions and whole numbers.

$$\frac{5}{8}$$



[Watch Video Solution](#)

9. Find the reciprocal of each of the following fractions. Classify the reciprocals as proper fractions, improper fractions and whole numbers.

$$\frac{9}{7}$$



[Watch Video Solution](#)

10. Find the reciprocal of each of the following fractions. Classify the reciprocals as proper fractions, improper fractions and whole numbers.

$$\frac{6}{5}$$



[Watch Video Solution](#)

11. Find the reciprocal of each of the following fractions. Classify the reciprocals as proper fractions, improper fractions and whole numbers.

$$\frac{12}{7}$$



[Watch Video Solution](#)

12. Find the reciprocal of each of the following fractions. Classify the reciprocals as proper fractions, improper fractions and whole numbers.

$$\frac{1}{8}$$



[Watch Video Solution](#)

13. Find the reciprocal of each of the following fractions. Classify the reciprocals as proper fractions, improper fractions and whole numbers.

$$\frac{1}{11}$$

 [Watch Video Solution](#)

14. Find:

$$\frac{7}{3} \div 2$$

 [Watch Video Solution](#)

15. Find:

$$\frac{4}{9} \div 5$$



Watch Video Solution

16. Find

$$\frac{6}{13} \div \frac{7}{1} = \frac{6}{13} \times \text{reciprocal of } \frac{7}{1}$$



Watch Video Solution

17. Find:

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





Watch Video Solution

18. Find:

$$3\frac{1}{2} \div \frac{8}{3}$$



Watch Video Solution

19. Find:

$$4\frac{3}{7} \div 7$$



Watch Video Solution

20. Find

$$\frac{2}{5} \div \frac{1}{2} = \frac{2}{5} \times \text{reciprocal of } \frac{1}{2}$$



Watch Video Solution

21. Find:

$$\frac{4}{9} \div \frac{2}{3}$$



Watch Video Solution

22. Find:

$$\frac{3}{7} \div \frac{8}{7}$$





Watch Video Solution

23. Find:

$$2\frac{1}{3} \div \frac{3}{5}$$



Watch Video Solution

24. Find:

$$3\frac{1}{2} \div \frac{8}{3}$$



Watch Video Solution

25. Find:

$$\frac{2}{5} \div 1\frac{1}{2}$$



Watch Video Solution

26. Find:

$$3\frac{1}{5} \div 1\frac{2}{3}$$



Watch Video Solution

27. Find $2\frac{1}{2} \div \frac{3}{5}$



Watch Video Solution

Exercise 2 5

1. Which is greater?

0.5 or 0.05



[Watch Video Solution](#)

2. Which is greater?

0.7 or 0.5



[Watch Video Solution](#)

3. Which is greater?

7 or 0.7



Watch Video Solution

4. Which is greater?

1.37 or 1.49



Watch Video Solution

5. Which is greater?

2.03 or 2.30



Watch Video Solution



[Watch Video Solution](#)

6. Which is greater?

0.8 or 0.88



[Watch Video Solution](#)

7. Express as rupees using decimals :

7 paise



[Watch Video Solution](#)

8. Express as rupees using decimals :

7 rupees 7 paise



[Watch Video Solution](#)

9. Express as rupees using decimals :

77 rupees 77 paise



[Watch Video Solution](#)

10. Express as rupees using decimals :

50 paise



[Watch Video Solution](#)



[Watch Video Solution](#)

11. Express as rupees using decimals :

235 paise.



[Watch Video Solution](#)

12. Express 5 cm in metre and kilometre



[Watch Video Solution](#)

13. Express 35 mm in cm, m and km



[Watch Video Solution](#)

14. Express in kg:

200g



Watch Video Solution

15. Express in kg:

3470g



Watch Video Solution

16. Express in kg:

4kg 8 g



Watch Video Solution

17. Write the following decimal numbers in the expanded form:

20.03



Watch Video Solution

18. Write the following decimal numbers in the expanded form:

2.03



Watch Video Solution

19. Write the following decimal numbers in the expanded form:

200.03



Watch Video Solution

20. Write the following decimal numbers in the expanded form:

2.034



Watch Video Solution

21. Write the place value of 2 in the following decimal numbers:

2.56



Watch Video Solution

22. Write the place value of 2 in the following decimal numbers:

21.37



Watch Video Solution

23. Write the place value of 2 in the following decimal numbers:

10.25



Watch Video Solution

24. Write the place value of 2 in the following decimal numbers:

9.42



Watch Video Solution

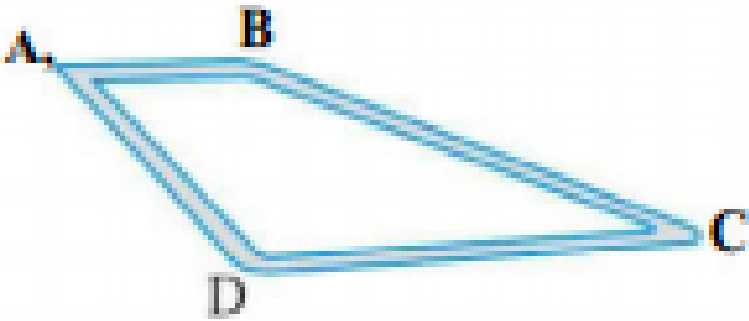
25. Write the place value of 2 in the following decimal numbers :

63.352



Watch Video Solution

26. Dinesh went from place A to place B and from there to place C. A is 7.5 km from B and B is 12.7 km from C. Ayub went from place A to place D and from there to place C. D is 9.3 km from A and C is 11.8 km from D. Who travelled more and by how much?



[Watch Video Solution](#)

27. Shyama bought 5 kg 300 g apples and 3 kg 250 g mangoes. Sarala bought 4 kg 800 g oranges and 4 kg 150 g bananas. Who bought more fruits?

 [Watch Video Solution](#)

28. How much less is 28 km than 42.6 km?

 [Watch Video Solution](#)

Exercise 2 6

1. Find:

$$0.2 \times 6$$



Watch Video Solution

2. Find:

$$8 \times 4.6$$



Watch Video Solution

3. Find:

$$2.71 \times 5$$



Watch Video Solution



Watch Video Solution

4. Find

$$20.1 \times 4$$



Watch Video Solution

5. Find

$$0.05 \times 7$$



Watch Video Solution

6. Find

$$211.02 \times 4$$



Watch Video Solution

7. Find

$$2 \times 0.86$$



Watch Video Solution

8. Find the area of rectangle whose length is 5.7cm and breadth is 3 cm.



Watch Video Solution



[Watch Video Solution](#)

9. Find:

$$1.3 \times 10$$



[Watch Video Solution](#)

10. Find:

$$36.8 \times 10$$



[Watch Video Solution](#)

11. Find:

$$153.7 \times 10$$



Watch Video Solution

12. Find:

$$168.07 \times 10$$



Watch Video Solution

13. Find:

$$31.1 \times 100$$



Watch Video Solution



[Watch Video Solution](#)

14. Find:

$$156.1 \times 100$$



[Watch Video Solution](#)

15. Find:

$$3.62 \times 100$$



[Watch Video Solution](#)

16. Find:

$$43.07 \times 100$$



Watch Video Solution

17. Find:

$$0.5 \times 10$$



Watch Video Solution

18. Find:

$$0.08 \times 10$$



Watch Video Solution



[Watch Video Solution](#)

19. Find:

$$0.9 \times 100$$



[Watch Video Solution](#)

20. Find:

$$0.03 \times 1000$$



[Watch Video Solution](#)

21. A two-wheeler covers a distance of 55.3 km in one litre of petrol. How much distance will it cover in 10 litres of petrol?

 [Watch Video Solution](#)

22. Find:

$$2.5 \times 0.3$$

 [Watch Video Solution](#)

23. Find:

$$0.1 \times 51.7$$



Watch Video Solution

24. Find:

$$0.2 \times 316.8$$



Watch Video Solution

25. Find:

$$1.3 \times 3.1$$



Watch Video Solution



[Watch Video Solution](#)

26. Find:

$$0.5 \times 0.05$$



[Watch Video Solution](#)

27. Find:

$$11.2 \times 0.15$$



[Watch Video Solution](#)

28. Find:

$$1.07 \times 0.02$$



Watch Video Solution

29. Find:

$$10.05 \times 1.05$$



Watch Video Solution

30. Find:

$$101.01 \times 0.01$$



Watch Video Solution



Watch Video Solution

31. Find:

$$100.01 \times 1.1$$



Watch Video Solution

Exercise 2 7

1. Find

$$0.4 \div 2$$



Watch Video Solution

2. Find

$$0.35 \div 5$$



[Watch Video Solution](#)

3. Find

$$2.48 \div 4$$



[Watch Video Solution](#)

4. Find

$$65.4 \div 6$$



[Watch Video Solution](#)



Watch Video Solution

5. Find

$$651.2 \div 4$$



Watch Video Solution

6. Find

$$14.49 \div 7$$



Watch Video Solution

7. Find

$$3.96 \div 4$$



[Watch Video Solution](#)

8. Find

$$0.80 \div 5$$



[Watch Video Solution](#)

9. Find

$$4.8 \div 10$$



[Watch Video Solution](#)



[Watch Video Solution](#)

10. Find

$$52.5 \div 10$$



[Watch Video Solution](#)

11. Find

$$0.7 \div 10$$



[Watch Video Solution](#)

12. Find

$$33.1 \div 10$$



Watch Video Solution

13. Find

$$272.23 \div 10$$



Watch Video Solution

14. Find

$$0.56 \div 10$$



Watch Video Solution



Watch Video Solution

15. Find

$$3.97 \div 10$$



Watch Video Solution

16. Find

$$2.7 \div 100$$



Watch Video Solution

17. Find

$$0.3 \div 100$$



Watch Video Solution

18. Find

$$0.78 \div 100$$



Watch Video Solution

19. Find

$$432.6 \div 100$$



Watch Video Solution



Watch Video Solution

20. Find

$$23.6 \div 100$$



Watch Video Solution

21. Find

$$98.53 \div 100$$



Watch Video Solution

22. Find

$$7.9 \div 1000$$



Watch Video Solution

23. Find

$$26.3 \div 1000$$



Watch Video Solution

24. Find

$$38.53 \div 1000$$



Watch Video Solution



Watch Video Solution

25. Find

$$128.9 \div 1000$$



Watch Video Solution

26. Find

$$0.5 \div 1000$$



Watch Video Solution

27. Find

$$7 \div 3.5$$



Watch Video Solution

28. Find

$$36 \div 0.2$$



Watch Video Solution

29. Find

$$3.25 \div 0.5$$



Watch Video Solution



Watch Video Solution

30. Find

$$30.94 \div 0.7$$



Watch Video Solution

31. Find

$$0.5 \div 0.25$$



Watch Video Solution

32. Find

$$7.75 \div 0.25$$



Watch Video Solution

33. Find

$$76.5 \div 0.15$$



Watch Video Solution

34. Find

$$37.8 \div 1.4$$



Watch Video Solution



[Watch Video Solution](#)

35. Find

$$2.73 \div 1.3$$



[Watch Video Solution](#)

36. A vehicle covers a distance of 43.2 km in 2.4 litres of petrol. How much distance will it cover in one litre of petrol?



[Watch Video Solution](#)

Additional Question For Practice Fill In The Blanks

1. Simplest form of 0.02 is $\frac{1}{40}$



[Watch Video Solution](#)

2. To divide a decimal number by 100 move the decimal point towards left by two places.



[Watch Video Solution](#)

3. Place value of 5 in 12.675 is 0.005 or 5 thousandths.



Watch Video Solution

4. $66.6 \div 100 = 0.666$



Watch Video Solution

5. Improper fraction of $9\frac{3}{8}$ is $\frac{75}{8}$



Watch Video Solution

Additional Question For Practice State Whether True Or False

1. Reciprocal of 1 is 0



[Watch Video Solution](#)

2. $1.26 > 1.4$



[Watch Video Solution](#)

3. $\frac{1}{200}$ in decimal can be written as 0.005



[Watch Video Solution](#)

4. Improper fraction is always less than 1



Watch Video Solution

5. Multiplicative inverse of $3\frac{5}{7}$ is $\frac{7}{26}$



Watch Video Solution

Additional Question For Practice Match The Following

1. Match the following

- (a) Equivalent fraction of $\frac{6}{7}$
- (b) 0.003×0.2
- (c) $\frac{8}{9}$
- (d) $24 \div \frac{1}{4}$
- (e) $\frac{2}{3} \times \frac{4}{9} \times 0 \times \frac{3}{5}$
- 0
- 96
- $\frac{42}{49}$
- 0.0006
- proper fraction



Watch Video Solution

Additional Question For Practice Short Answer Type Questions

1. What is the excess of 40.8 over 19.7403



Watch Video Solution

2. $\frac{1}{6}$ of a number equals $\frac{7}{9} \div \frac{1}{27}$ from the number.

 [Watch Video Solution](#)

3. $\frac{7}{16}$ of a number is 21. What fraction of same number is 13 less than 21

 [Watch Video Solution](#)

4. In a refugee camp 48 kg rice is distributed. If each refugee gets $\frac{6}{5}$ kg of rice, how many refugees are

there ?



[Watch Video Solution](#)

Additional Question For Practice Long Answer Type Questions

1. Vishu paid Rs. 25,000 for the bike. This is $\frac{1}{4}$ of the price of the bike. Rest he paid in 12 instalments. What is the price of the bike ? How much is one instalment for ?



[Watch Video Solution](#)

2. Divide the sum of $\frac{11}{3}$ and $\frac{5}{7}$ by the product of $\frac{2}{7}$ and $4\frac{1}{2}$

 [Watch Video Solution](#)

3. Simplify $\left(\frac{4}{5} - \frac{1}{3}\right) \div 4\frac{1}{5} + \frac{2}{3}$ of $\left(5\frac{1}{6} - 4\frac{3}{8}\right)$

 [Watch Video Solution](#)

4. A floor is 10.8 m long and 7.2 m wide. A square tile of side 9 cm costs Rs. 27.35 is laid on the floor. Find the number of tiles laid on the floor and also find the total cost.



[Watch Video Solution](#)

Additional Question For Practice Hots

1. I read $\frac{4}{9}$ of a book in 1 day and $\frac{3}{5}$ of the remaining book next day. If 100 pages of the book are still left unread. How many pages does the book have ?



[Watch Video Solution](#)

[Sample Paper For Practice Fill In The Blanks](#)

1. Reciprocal of $2\frac{1}{5}$ is



Watch Video Solution

2. Four times $\frac{1}{4}$ is equal to



Watch Video Solution

3. $\frac{1}{5}$ can be expressed in decimals as



Watch Video Solution

4. There areminutes in $\frac{2}{5}$ th of 2 hours.



Watch Video Solution

5. Fraction $\frac{5}{9}$ lies betweenand 1



Watch Video Solution

6. Decimal representation of $4 + \frac{7}{100}$ is



Watch Video Solution

Sample Paper For Practice State Whether True Or False

1. Which of the following statements are true/false.

Proper fraction is always greater than 1



[Watch Video Solution](#)

2. Reciprocal of 1 is 0



[Watch Video Solution](#)

3. To multiply decimal number by 10 move decimal point to the left by one place.



[Watch Video Solution](#)

4. Product of proper fraction is less than each of the two fractions



[Watch Video Solution](#)

5. Hundred $\frac{1}{100}$ together make 1



[Watch Video Solution](#)

6. $\frac{3}{4}$ and $\frac{12}{16}$ are equivalent fractions



Watch Video Solution

Sample Paper For Practice Match The Following

1. Match the following

$3\frac{5}{7}$

— ascending order

6.80 kg

— $2 + \frac{3}{1000}$

$\frac{1}{3}, \frac{4}{3}, \frac{8}{3}$

— 0.005

2.003

— $\frac{26}{7}$

1001.01×0.01

— 6800g

$5 \div 1000$

— 10.0101



Watch Video Solution

Sample Paper For Practice

1. If $\frac{2}{3}$ of a number is 24. Then what is 1.75 times of that number



[Watch Video Solution](#)

2. Neha had Rs. 300 with her. Out of this she spent 154.07 rupees. Now she wants to buy a bag worth Rs. 250. How much more money she needs to buy the bag ?



[Watch Video Solution](#)

3. A drum contains $10\frac{1}{4}$ litre of paint. A bottle has a capacity of $\frac{1}{4}$ litre. To empty drum, how many bottles of paint required to be taken out of the drum ?



[Watch Video Solution](#)

4. Reva bought 4124 kg of water melon. She sliced it into as many slices as the number of the family members and the slice among them. Find the number of family members if weight of each slice is 0.275 kg.



[Watch Video Solution](#)

5. A rectangular sheet of paper is $12\frac{1}{2}$ cm long and $10\frac{2}{3}$ cm wide find its perimeter and area.



[Watch Video Solution](#)