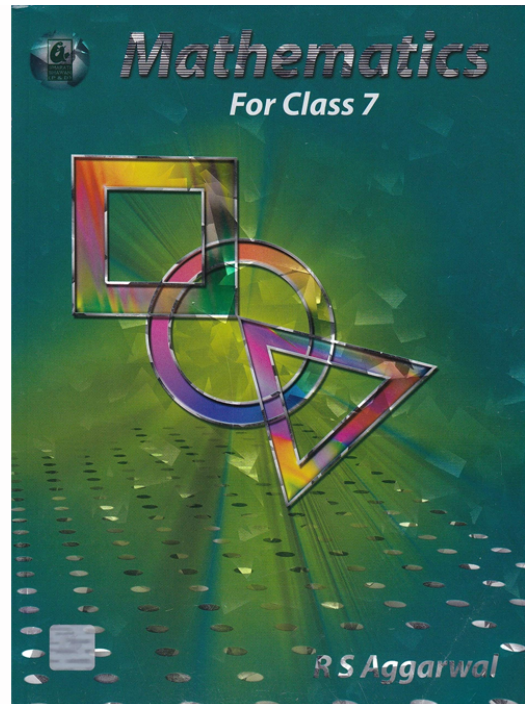


RS Aggarwal Solutions for Class 7

Maths Chapter 2–Fractions

Class 7 - Chapter 2 Fractions



For any clarifications or questions you can write to info@indcareer.com

Postal Address

IndCareer.com, 52, Shilpa Nagar, Somalwada Nagpur - 440015
Maharashtra, India

WhatsApp: +91 9561 204 888, **Website:** <https://www.indcareer.com>

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-7-maths-chapter-2-fractions/>



RS Aggarwal Solutions for Class 7 Maths Chapter 2–Fractions

Class 7: Maths Chapter 1 solutions. Complete Class 7 Maths Chapter 1 Notes.

RS Aggarwal Solutions for Class 8 Maths Chapter 2–Fractions

RS Aggarwal 7th Maths Chapter 1, Class 7 Maths Chapter 1 solutions

Ex 2A

Question 1.

Solution:

$$\begin{array}{ll} \text{(i) } \frac{5}{8} \text{ and } \frac{7}{12} & \\ \Rightarrow 5 \times 12 = 60 & \\ 7 \times 8 = 56 & \\ \therefore 60 > 56 & \therefore \frac{5}{8} > \frac{7}{12} \\ \therefore \frac{5}{8} > \frac{7}{12} & \\ \text{(ii) } \frac{5}{9} \text{ and } \frac{11}{15} & \\ \Rightarrow 5 \times 15 = 75 & \\ 11 \times 9 = 99 & \\ \therefore 75 < 99 & \therefore \frac{5}{9} < \frac{11}{15} \\ \text{(iii) } \frac{11}{12} \text{ and } \frac{15}{16} & \\ \Rightarrow 11 \times 16 = 176 & \\ 15 \times 12 = 180 & \\ \therefore 176 < 180 & \\ \therefore \frac{11}{12} < \frac{15}{16} & \end{array}$$

Question 2.

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-7-maths-chapter-2-fractions/>

Solution:

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-7-maths-chapter-2-fractions/>

$$\frac{3}{4}, \frac{5}{6}, \frac{7}{9}, \frac{11}{12}$$

Writing them into like fractions, LCM of 4, 6, 9 and 12 = 36

$$\therefore \frac{3}{4} = \frac{3 \times 9}{4 \times 9} = \frac{27}{36}$$

$$\frac{5}{6} = \frac{5 \times 6}{6 \times 6} = \frac{30}{36}$$

$$\frac{7}{9} = \frac{7 \times 4}{9 \times 4} = \frac{28}{36}$$

$$\frac{11}{12} = \frac{11 \times 3}{12 \times 3} = \frac{33}{36}$$

Now, arranging them in ascending order,

$$\frac{27}{36} < \frac{28}{36} < \frac{30}{36} < \frac{33}{36}$$

or $\frac{3}{4} < \frac{7}{9} < \frac{5}{6} < \frac{11}{12}$

(ii) $\frac{4}{5}, \frac{7}{10}, \frac{11}{15}, \frac{17}{20}$ Writing them into like fractions

LCM of 5, 10, 15, 20 = 60

Now $\frac{4}{5} = \frac{4 \times 12}{5 \times 12} = \frac{48}{60}$

$$\frac{7}{10} = \frac{7 \times 6}{10 \times 6} = \frac{42}{60}$$

$$\frac{11}{15} = \frac{11 \times 4}{15 \times 4} = \frac{44}{60}$$

$$\frac{17}{20} = \frac{17 \times 3}{20 \times 3} = \frac{51}{60}$$

Now arranging them in ascending order

$$\frac{42}{60} < \frac{44}{60} < \frac{48}{60} < \frac{51}{60}$$

or $\frac{7}{10} < \frac{11}{15} < \frac{4}{5} < \frac{17}{20}$

Question 3.

Solution:

$$(i) \frac{3}{4}, \frac{7}{8}, \frac{7}{12}, \frac{17}{24}$$

Writing them into like fractions

LCM of 4, 8, 12, and 24

$$\therefore \frac{3}{4} = \frac{3 \times 6}{4 \times 6} = \frac{18}{24}$$

$$\frac{7}{8} = \frac{7 \times 3}{8 \times 3} = \frac{21}{24}$$

$$\frac{7}{12} = \frac{7 \times 2}{12 \times 2} = \frac{14}{24}$$

$$\frac{17}{24} = \frac{17}{24}$$

Now, arranging them in descending order

$$\frac{21}{24} > \frac{18}{24} > \frac{17}{24} > \frac{14}{24}$$

$$\text{or } \frac{7}{8} > \frac{3}{4} > \frac{17}{24} > \frac{7}{12}$$

(ii) $\frac{2}{3}, \frac{3}{5}, \frac{7}{10}, \frac{8}{15}$

Writing them into like fractions

LCM of 3, 5, 10, 15 = 30

$$\therefore \frac{2}{3} = \frac{2 \times 10}{3 \times 10} = \frac{20}{30}$$

$$\frac{3}{5} = \frac{3 \times 6}{5 \times 6} = \frac{18}{30}$$

$$\frac{7}{10} = \frac{7 \times 3}{10 \times 3} = \frac{21}{30}$$

$$\frac{8}{15} = \frac{8 \times 2}{15 \times 2} = \frac{16}{30}$$

$$\begin{aligned} \frac{21}{30} &> \frac{20}{30} > \frac{18}{30} > \frac{16}{30} \\ \text{or} \quad \frac{7}{10} &> \frac{2}{3} > \frac{3}{5} > \frac{8}{15} \end{aligned}$$

Question 4.

Solution:

Reenu get 27 of an apple while Sonal gets 45 part of it

Now $\frac{2}{7}, \frac{4}{5}$

$$\Rightarrow 2 \times 5, 4 \times 7$$

$$\Rightarrow 10, 28$$

$\therefore$ 28 is greater

$\therefore \frac{4}{5}$ part is greater

$$\text{Difference} = \frac{4}{5} - \frac{2}{7}$$

$$= \frac{4 \times 7 - 2 \times 5}{35}$$

$$= \frac{28 - 10}{35} = \frac{18}{35}$$

$\therefore$ Sonal gets greater part and by $\frac{18}{35}$ part

Question 5.

Solution:

$$(i) \frac{5}{9} + \frac{3}{9} = \frac{5+3}{9} = \frac{8}{9}$$

$$(ii) \frac{8}{9} + \frac{7}{12}$$

LCM of 9 and 12 = 36

$$\therefore \frac{8}{9} = \frac{8 \times 4}{9 \times 4} = \frac{32}{36}$$

$$\frac{7}{12} = \frac{7 \times 3}{12 \times 3} = \frac{21}{36}$$

$$\therefore \frac{8}{9} + \frac{7}{12} = \frac{32}{36} + \frac{21}{36}$$

$$= \frac{32+21}{36} = \frac{53}{36} = 1\frac{17}{36}$$

$$(iii) \frac{5}{6} + \frac{7}{8}$$

LCM of 6, 8 = 24

$$\therefore \frac{5}{6} = \frac{5 \times 4}{6 \times 4} = \frac{20}{24}$$

$$\frac{7}{8} = \frac{7 \times 3}{8 \times 3} = \frac{21}{24}$$

$$\therefore \frac{5}{6} + \frac{7}{8} = \frac{20}{24} + \frac{21}{24}$$

$$= \frac{20+21}{24} = \frac{41}{24}$$

$$= 1\frac{17}{24}$$

$$(iv) \quad \frac{7}{12} + \frac{11}{16} + \frac{9}{24}$$

LCM of 12, 16, 24 = 48

$$\frac{7}{12} = \frac{7 \times 4}{12 \times 4} = \frac{28}{48}$$

$$\frac{11}{16} = \frac{11 \times 3}{16 \times 3} = \frac{33}{48}$$

$$\frac{9}{24} = \frac{9 \times 2}{24 \times 2} = \frac{18}{48}$$

$$\therefore \quad \frac{7}{12} + \frac{11}{16} + \frac{9}{24} = \frac{28}{48} + \frac{33}{48} + \frac{18}{48}$$

$$= \frac{28+33+18}{48}$$

$$= \frac{79}{48} = 1\frac{31}{48}$$

$$(v) \quad 3\frac{4}{5} + 2\frac{3}{10} + 1\frac{1}{15}$$

$$= \frac{19}{5} + \frac{23}{10} + \frac{16}{15}$$

LCM of 5, 10, 15 = 30

$$\therefore \quad \frac{19}{5} = \frac{19 \times 6}{5 \times 6} = \frac{114}{30}$$

$$\frac{23}{10} = \frac{23 \times 3}{10 \times 3} = \frac{69}{30}$$

$$\frac{16}{15} = \frac{16 \times 2}{15 \times 2} = \frac{32}{30}$$

$$\therefore \quad \frac{19}{5} + \frac{23}{10} + \frac{16}{15} = \frac{114}{30} + \frac{69}{30} + \frac{32}{30}$$

$$= \frac{114 + 69 + 32}{30} = \frac{215}{30}$$

$$= \frac{215 \div 5}{30 \div 5} = \frac{43}{6} = 7\frac{1}{6}$$

$$(vi) \quad 8\frac{3}{4} + 10\frac{2}{5}$$

$$= \frac{35}{4} + \frac{52}{5}$$

LCM of 4 and 5 = 20

$$\therefore \quad \frac{35}{4} = \frac{35 \times 5}{4 \times 5} = \frac{175}{20}$$

$$\frac{52}{5} = \frac{52 \times 4}{5 \times 4} = \frac{208}{20}$$

$$\therefore \quad \frac{35}{4} + \frac{52}{5} = \frac{175}{20} + \frac{208}{20}$$

$$= \frac{175 + 208}{20} = \frac{383}{20} = 19\frac{3}{20}$$

Question 6.

Solution:

$$(iv) \quad 7 - 4\frac{2}{3} = \frac{7}{1} - \frac{14}{3}$$

LCM of 1 and 3 = 3

$$\therefore \quad \frac{7 \times 3}{1 \times 3} = \frac{21}{3}$$

$$\frac{7}{1} - \frac{14}{3} = \frac{21}{3} - \frac{14}{3} = \frac{21-14}{3}$$

$$(i) \quad \frac{5}{7} - \frac{2}{7} = \frac{5-2}{7} = \frac{3}{7} \qquad = \frac{7}{3} = 2\frac{1}{3}$$

$$(ii) \quad \frac{5}{6} - \frac{3}{4}$$

LCM of 6 and 4 = 12

$$\therefore \quad \frac{5}{6} = \frac{5 \times 2}{6 \times 2} = \frac{10}{12}$$

$$\frac{3}{4} = \frac{3 \times 3}{4 \times 3} = \frac{9}{12}$$

$$(v) \quad 3\frac{3}{10} - 1\frac{7}{15} = \frac{33}{10} - \frac{22}{15}$$

LCM of 10, 15 = 30

$$\therefore \quad \frac{33}{10} = \frac{33 \times 3}{10 \times 3} = \frac{99}{30}$$

$$\frac{22}{15} = \frac{22 \times 2}{15 \times 2} = \frac{44}{30}$$

$$\begin{aligned}\therefore \quad \frac{33}{10} - \frac{22}{15} &= \frac{99}{30} - \frac{44}{30} \\ &= \frac{99-44}{30} = \frac{55}{30} \\ &= \frac{55 \div 5}{30 \div 5} = \frac{11}{6} \\ &= 1\frac{5}{6}\end{aligned}$$

$$(vi) \quad 2\frac{5}{9} - 1\frac{7}{15} = \frac{23}{9} - \frac{22}{15}$$

LCM of 9 and 15 = 45

$$\therefore \quad \frac{23}{9} = \frac{23 \times 5}{9 \times 5} = \frac{115}{45}$$

$$\frac{22}{15} = \frac{22 \times 3}{15 \times 3} = \frac{66}{45}$$

$$\begin{aligned}\therefore \quad \frac{23}{9} - \frac{22}{15} &= \frac{115}{45} - \frac{66}{45} \\ &= \frac{115-66}{45} = \frac{49}{45}\end{aligned}$$

Question 7.

Solution:

$$\frac{5}{6} = \frac{5 \times 3}{6 \times 3} = \frac{15}{18}$$

$$\frac{1}{9} = \frac{1 \times 2}{9 \times 2} = \frac{2}{18}$$

$$\begin{aligned} \therefore \frac{2}{3} + \frac{5}{6} - \frac{1}{9} &= \frac{12}{18} + \frac{15}{18} - \frac{2}{18} \\ &= \frac{12+15-2}{18} = \frac{27-2}{18} \\ &= \frac{25}{18} = 1\frac{7}{18} \end{aligned}$$

$$(ii) \quad 8 - 4\frac{1}{2} - 2\frac{1}{4} = \frac{8}{1} - \frac{9}{2} - \frac{9}{4}$$

LCM of 1, 2, 4, = 4

$$\therefore \frac{8}{1} = \frac{8 \times 4}{1 \times 4} = \frac{32}{4}$$

$$\frac{9}{2} = \frac{9 \times 2}{2 \times 2} = \frac{18}{4}$$

$$(i) \quad \frac{2}{3} + \frac{5}{6} - \frac{1}{9}$$

LCM of 3, 6, 9 = 18

$$\therefore \frac{2}{3} = \frac{2 \times 6}{3 \times 6} = \frac{12}{18}$$

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

$$\therefore \frac{8}{1} - \frac{9}{2} - \frac{9}{4} = \frac{32}{4} - \frac{18}{4} - \frac{9}{4}$$

$$= \frac{32 - 18 - 9}{4} = \frac{32 - 27}{4}$$

$$= \frac{5}{4} = 1\frac{1}{4}$$

$$(iii) 8\frac{5}{6} - 3\frac{3}{8} + 1\frac{7}{12} = \frac{53}{6} - \frac{27}{8} + \frac{19}{12}$$

LCM of 6, 8, 12 = 24

$$\therefore \frac{53}{6} = \frac{53 \times 4}{6 \times 4} = \frac{212}{24}$$

$$\frac{27}{8} = \frac{27 \times 3}{8 \times 3} = \frac{81}{24}$$

$$\frac{19}{12} = \frac{19 \times 2}{12 \times 2} = \frac{38}{24}$$

$$\therefore \frac{53}{6} - \frac{27}{8} + \frac{19}{12}$$

$$= \frac{212}{24} - \frac{81}{24} + \frac{38}{24}$$

$$= \frac{212 - 81 + 38}{24} = \frac{250 - 81}{24}$$

$$= \frac{169}{24} = 7\frac{1}{24}$$

Question 8.

Solution:

$$\text{Aneeta bought apples} = 3\frac{3}{4} \text{ kg} = \frac{15}{4} \text{ kg}$$

$$\text{and guava} = 4\frac{1}{2} \text{ kg} = \frac{9}{2} \text{ kg}$$

$$\therefore \text{Total weight of fruits} = \frac{15}{4} + \frac{9}{2}$$

$$= \frac{15+18}{4} = \frac{33}{4} \text{ kg}$$

$$= 8\frac{1}{4} \text{ kg}$$

Question 9.

Solution:

Length of rectangular sheet (l) = $15\frac{3}{4}$

cm

$$= \frac{63}{4} \text{ cm}$$

and width (b) = $12\frac{1}{2} \text{ cm} = \frac{25}{2} \text{ cm}$

$\therefore$ Its perimeter = $2(l + b)$

$$= 2 \left[\frac{63}{4} + \frac{25}{2} \right]$$

$$= 2 \left[\frac{63 + 50}{4} \right]$$

$$= 2 \times \frac{113}{4} = \frac{113}{2} \text{ cm}$$

$$= 56\frac{1}{2} \text{ cm}$$

Question 10.

Solution:

$$\text{Width of picture} = 7\frac{3}{5} = \frac{38}{5} \text{ cm}$$

$$\text{and width of frame} = 7\frac{3}{10} \text{ cm} = \frac{73}{10} \text{ cm}$$

∴ Width trimmed to fit in the frame

$$= \frac{38}{5} - \frac{73}{10}$$

$$= \frac{76 - 73}{10} = \frac{3}{10} \text{ cm}$$

Question 11.

Solution:

For finding the required fraction, we have to subtract $7\frac{3}{5}$ from 18

$$\therefore \text{Required number} = 18 - 7\frac{3}{5} = \frac{18}{1} - \frac{38}{5}$$

$$= \frac{90}{5} - \frac{38}{5} = \frac{90 - 38}{5} = \frac{52}{5} = 10\frac{2}{5}$$

$$\therefore 10\frac{2}{5} \text{ should be added Ans.}$$

Question 12.

Solution:

For finding the required fraction we should subtract $7\frac{4}{5}$ from 825

$$\begin{aligned}\therefore \text{Required number} &= 8\frac{2}{5} - 7\frac{4}{15} \\ &= \frac{42}{5} - \frac{109}{15} \\ &= \frac{126 - 109}{15} \quad (\text{LCM of } 5, 15 = 15) \\ &= \frac{17}{15} = 1\frac{2}{15}\end{aligned}$$

Question 13.

Solution:

$$\begin{aligned}\text{Total length of wire} &= 3\frac{3}{4} \text{ m} \\ &= \frac{15}{4} \text{ m} \\ \text{One piece} &= 1\frac{1}{2} \text{ m} = \frac{3}{2} \text{ m.} \\ \therefore \text{Other piece} &= \frac{15}{4} - \frac{3}{2} \\ &= \frac{15 - 6}{4} \quad (\text{LCM of } 4, 2 = 4) \\ &= \frac{9}{4} = 2\frac{1}{4} \text{ m}\end{aligned}$$

Question 14.

Solution:

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-7-maths-chapter-2-fractions/>

$$\text{Total duration of the film} = 3\frac{2}{3}$$

$$= \frac{11}{3} \text{ hours.}$$

$$\text{Time spent on advertisement} = 1\frac{1}{2}$$

$$= \frac{3}{2} \text{ hours}$$

$$\therefore \text{Actual duration of the film} = \frac{11}{3} - \frac{3}{2}$$

$$= \frac{22-9}{6} \text{ (LCM of 3, 2 = 6)}$$

$$= \frac{13}{6} = 2\frac{1}{6} \text{ hours.}$$

Question 15.

Solution:

$$\frac{2}{3} \text{ and } \frac{5}{9}$$

LCM of 3 and 9 = 9

$$\frac{2}{3} = \frac{2 \times 3}{3 \times 3} = \frac{6}{9}$$

$\therefore \frac{6}{9}$ is greater than $\frac{5}{9}$

or $\frac{2}{3}$ is greater than $\frac{5}{9}$

and $\frac{6}{9} - \frac{5}{9} = \frac{1}{9}$

$\therefore \frac{2}{3}$ is greater than $\frac{5}{9}$ by $\frac{1}{9}$

Question 16.

Solution:

$$\text{Cost of a pen} = \text{Rs } 16\frac{3}{5} = \text{Rs } \frac{83}{5}$$

$$\text{Cost of a pencil} = \text{Rs } 4\frac{3}{4} = \text{Rs } \frac{19}{4}$$

Now, LCM of 5 and 4 = 20

$$\therefore \frac{83}{5} = \frac{83 \times 4}{5 \times 4} = \frac{332}{20}$$

$$\frac{19}{4} = \frac{19 \times 5}{4 \times 5} = \frac{95}{20}$$

It is clear that cost of pen is more than that of a pencil

$$\therefore \frac{332}{20} - \frac{95}{20} = \frac{237}{20} = \text{Rs } 11\frac{17}{20}$$

$\therefore$ The cost of pen is more than pencils by

$$\text{Rs. } 11\frac{17}{20}$$

Ex 2B

Question 1.

Solution:

$$(i) \frac{3}{5} \times \frac{7}{11} = \frac{3 \times 7}{5 \times 11} = \frac{21}{55}$$

$$(ii) \frac{5}{8} \times \frac{4}{7} = \frac{5 \times 4}{8 \times 7} = \frac{5}{2 \times 7} = \frac{5}{14}$$

$$(iii) \frac{4}{9} \times \frac{15}{16} = \frac{4 \times 15}{9 \times 16} = \frac{5}{3 \times 4} = \frac{5}{12}$$

$$(iv) \frac{2}{5} \times 15 = \frac{2 \times 15}{5} = 2 \times 3 = 6$$

$$(v) \frac{8}{15} \times 20 = \frac{8 \times 20}{15} = \frac{8 \times 4}{3} = \frac{32}{3} = 10\frac{2}{3}$$

$$(vi) \frac{5}{8} \times 1000 = \frac{5 \times 1000}{8} = \frac{5 \times 125}{1} = 625$$

$$(vii) 3\frac{1}{8} \times 16 = \frac{25}{8} \times 16 = \frac{25 \times 16}{8} = \frac{25 \times 2}{1} \\ = 50$$

$$(viii) 2\frac{4}{15} \times 12 = \frac{34}{15} \times 12 = \frac{34 \times 12}{15} \\ = \frac{34 \times 4}{5} = \frac{136}{5} = 27\frac{1}{5}$$

$$(ix) 3\frac{6}{7} \times 4\frac{2}{3} = \frac{27}{7} \times \frac{14}{3} = \frac{27 \times 14}{7 \times 3} \\ = \frac{9 \times 2}{1} = 18$$

$$(x) 9\frac{1}{2} \times 1\frac{9}{19} = \frac{19}{2} \times \frac{28}{19} = \frac{19 \times 28}{2 \times 19}$$
$$= \frac{1 \times 14}{1 \times 1} = 14$$

$$(xi) 4\frac{1}{8} \times 2\frac{10}{11} = \frac{33}{8} \times \frac{32}{11}$$
$$= \frac{33 \times 32}{8 \times 11} = \frac{3 \times 4}{1 \times 1} = \frac{12}{1} = 12$$

$$(xii) 5\frac{5}{6} \times 1\frac{5}{7} = \frac{35}{6} \times \frac{12}{7}$$
$$= \frac{35 \times 12}{6 \times 7} = \frac{5 \times 2}{1 \times 1} = \frac{10}{1} = 10$$

Question 2.

Solution:

$$(i) \frac{2}{3} \times \frac{5}{44} \times \frac{33}{35} = \frac{2 \times 5 \times 33}{3 \times 44 \times 35}$$

$$= \frac{10 \times 33}{3 \times 44 \times 35}$$

$$= \frac{2 \times 11}{44 \times 7} = \frac{1}{2 \times 7} = \frac{1}{14}$$

$$(ii) \frac{12}{25} \times \frac{15}{28} \times \frac{35}{36} = \frac{12 \times 15 \times 35}{25 \times 28 \times 36}$$

$$= \frac{1 \times 3 \times 7}{1 \times 28 \times 3} = \frac{1}{4}$$

$$(iii) \frac{10}{27} \times \frac{28}{65} \times \frac{39}{56} = \frac{10 \times 28 \times 39}{27 \times 65 \times 56}$$

$$= \frac{2 \times 1 \times 3}{27 \times 1 \times 2} = \frac{1}{9}$$

$$\begin{aligned} \text{(iv)} \quad 1\frac{4}{7} \times 1\frac{13}{22} \times 1\frac{1}{15} &= \frac{11}{7} \times \frac{35}{22} \times \frac{16}{15} \\ &= \frac{11 \times 35 \times 16}{7 \times 22 \times 15} = \frac{1 \times 5 \times 16}{1 \times 2 \times 15} \\ &= \frac{8}{3} = 2\frac{2}{3} \end{aligned}$$

$$\begin{aligned} \text{(v)} \quad 2\frac{2}{17} \times 7\frac{2}{9} \times 1\frac{33}{52} &= \frac{36}{17} \times \frac{65}{9} \times \frac{85}{52} \\ &= \frac{36 \times 65 \times 85}{17 \times 9 \times 52} = 5 \times 5 = 25 \end{aligned}$$

$$\begin{aligned} \text{(vi)} \quad 3\frac{1}{16} \times 7\frac{3}{7} \times 1\frac{25}{39} &= \frac{49}{16} \times \frac{52}{7} \times \frac{64}{39} \\ &= \frac{49 \times 52 \times 64}{16 \times 7 \times 39} = \frac{7 \times 4 \times 4}{1 \times 1 \times 3} = \frac{112}{3} = 37\frac{1}{3} \end{aligned}$$

Question 3.

Solution:

$$(i) \frac{1}{3} \text{ of } 24 = \frac{1}{3} \times 24 = 8$$

$$(ii) \frac{3}{4} \text{ of } 32 = \frac{3}{4} \times 32 = 3 \times 8 = 24$$

$$(iii) \frac{5}{9} \text{ of } 45 = \frac{5}{9} \times 45 = 5 \times 5 = 25$$

$$(iv) \frac{7}{50} \text{ of } 1000 = \frac{7}{50} \times 1000 \\ = 7 \times 20 = 140$$

$$(v) \frac{3}{20} \text{ of } 1020 = \frac{3}{20} \times 1020 \\ = 3 \times 51 = 153$$

$$\begin{aligned} \text{(vi)} \quad \frac{5}{11} \text{ of Rs } 220 &= \text{Rs } \left(\frac{5}{11} \times 220 \right) \\ &= \text{Rs } 5 \times 20 = \text{Rs } 100 \end{aligned}$$

$$\begin{aligned} \text{(vii)} \quad \frac{4}{9} \text{ of } 54 \text{ metres} &= \left(\frac{4}{9} \times 54 \right) \text{ metres} \\ &= 4 \times 6 = 24 \text{ metres} \end{aligned}$$

$$\begin{aligned} \text{(viii)} \quad \frac{6}{7} \text{ of } 35 \text{ litres} &= \left(\frac{6}{7} \times 35 \right) \text{ litres} \\ &= (6 \times 5) \text{ litres} = 30 \text{ litres} \end{aligned}$$

$$\begin{aligned} \text{(ix)} \quad \frac{1}{6} \text{ of an hour} &= \frac{1}{6} \times 60 \text{ minutes} \\ &\quad (1 \text{ hour} = 60 \text{ minutes}) \\ &= 10 \text{ minutes} \end{aligned}$$

$$\begin{aligned} \text{(x)} \quad \frac{5}{6} \text{ of an year} &= \left(\frac{5}{6} \times 12 \right) \\ &\quad (1 \text{ year} = 12 \text{ months}) \\ &= (5 \times 2) \text{ months} = 10 \text{ months} \end{aligned}$$

$$(xi) \frac{7}{20} \text{ of a kg} = \frac{7}{20} \times 1000 \text{ grams}$$

$$(1\text{kg} = 1000 \text{ grams})$$

$$= (7 \times 50) \text{ grams}$$

$$= 350 \text{ grams.}$$

$$(xii) \frac{9}{20} \text{ of a metre} = \frac{9}{20} \times 100 \text{ cm}$$

$$(1 \text{ metre} = 100 \text{ cm})$$

$$= (9 \times 5) \text{ cm}$$

$$= 45 \text{ cm}$$

$$(xiii) \frac{7}{8} \text{ of a day} = \frac{7}{8} \times 24 \text{ hours}$$

$$(1 \text{ day} = 24 \text{ hours})$$

$$= (7 \times 3) \text{ hours} = 21 \text{ hours}$$

$$(xiv) \frac{3}{7} \text{ of a week} = \frac{3}{7} \times 7 \text{ days}$$

$$(1 \text{ week} = 7 \text{ days})$$

$$= 3 \text{ days}$$

$$(xv) \frac{7}{50} \text{ of a litre} = \frac{7}{50} \times 1000 \text{ ml}$$

$$(1\text{l} = 1000 \text{ ml})$$

$$= (7 \times 20) \text{ ml} = 140 \text{ ml}$$

Question 4.

Solution:

Solution : Price of 1 kg of apples = Rs $48\frac{4}{5}$

$$= \text{Rs } \frac{244}{5}$$

$\therefore$ Price of $3\frac{3}{4}$ kg of apples = Rs $\frac{244}{5} \times 3\frac{3}{4}$

$$= \text{Rs } \left(\frac{244}{5} \times \frac{15}{4} \right)$$

$$= \text{Rs } (61 \times 3) = \text{Rs } 183$$

Question 5.

Solution:

Cost of 1 metre pf cloth

$$= \text{Rs } 42\frac{1}{2} = \text{Rs } \frac{85}{2}$$

Cost of $5\frac{3}{5}$ metres = Rs $\frac{85}{2} \times 5\frac{3}{5}$

$$= \text{Rs } \left(\frac{85}{2} \times \frac{28}{5} \right)$$

$$= \text{Rs } (17 \times 14) = \text{Rs } 238$$

Question 6.

Solution:

Distance covered in 1 hour

Question 7.

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-7-maths-chapter-2-fractions/>



Solution:

Question 8.

Solution:

$$\begin{aligned}\text{One ticket costs} &= \text{Rs } 35\frac{1}{2} \\ &= \text{Rs } \frac{71}{2} \\ \therefore 308 \text{ tickets will cost} &= \text{Rs } \frac{71}{2} \times 308 \\ &= \text{Rs } (71 \times 154) \\ &= \text{Rs } 10934\end{aligned}$$

Question 9.

Solution:

Question 10.

Solution:

$$\begin{aligned}\text{Time taken in one round} &= 4\frac{4}{5} \text{ minutes} \\ &= \frac{24}{5} \text{ minutes} \\ \therefore \text{Time taken in 15 rounds} &= \frac{24}{5} \times 15 \text{ minutes} \\ &= 72 \text{ minutes} \\ &= 1 \text{ hour } 12 \text{ minutes}\end{aligned}$$

Question 11.

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-7-maths-chapter-2-fractions/>

Solution:

Weight of Amit = 35 kg.

$$\begin{aligned}\text{Weight of Kavita} &= \frac{3}{5} \text{ of Amit's weight} \\ &= \frac{3}{5} \times 35 \text{ kg} = 21 \text{ kg}\end{aligned}$$

Question 12.**Solution:**

Total number of students in a class = 42

Number of boys = $\frac{5}{7}$ of 42 = $5 \times 6 = 30$

Number of girls = $42 - 30 = 12$

Question 13.**Solution:**

Sapna total income for one month = Rs 24000

Amount spent = $\frac{7}{8}$ of her income

$$= \frac{7}{8} \times 24000$$

$$= \text{Rs } (7 \times 3000) = \text{Rs } 21000$$

Amount deposited in the bank per month = $\text{Rs } 24000 - 21000 = \text{Rs } 3000$

Question 14.**Solution:**

Length of each side of a square

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-7-maths-chapter-2-fractions/>

$$= 4\frac{2}{3}\text{ m} = \frac{14}{3}\text{ m.}$$

$$\begin{aligned}\therefore \text{Area} &= \text{side} \times \text{side} = \frac{14}{3} \times \frac{14}{3} \text{ square m} \\ &= \frac{196}{9} = 21\frac{7}{9} \text{ square metres}\end{aligned}$$

Question 15.

Solution:

Length of rectangular field (l)

$$= 41\frac{2}{3}\text{ m} = \frac{125}{3}\text{ m}$$

$$\text{Breadth (b)} = 18\frac{3}{5}\text{ m} = \frac{93}{5}\text{ m}$$

$$\begin{aligned}\therefore \text{Area} &= l \times b = \frac{125}{3} \times \frac{93}{5}\text{ m}^2 \\ &= 25 \times 31\text{ m}^2 \\ &= 775\text{ m}^2\end{aligned}$$

Ex 2C

Question 1.

Solution:

(i) Reciporical of $\frac{5}{8}$ is $\frac{8}{5}$

(ii) Reciporical of 7 is $\frac{1}{7}$

(iii) Reciporical of $\frac{1}{12}$ is 12

(iv) Reciporical of $12\frac{3}{5}$ or $\frac{63}{5}$ is $\frac{5}{63}$

(i) $\frac{4}{7} \div \frac{9}{14} = \frac{4}{7} \times \frac{14}{9} = \frac{4 \times 2}{9} = \frac{8}{9}$

(ii) $\frac{7}{10} \div \frac{3}{5} = \frac{7}{10} \times \frac{5}{3} = \frac{7 \times 1}{2 \times 3} = \frac{7}{6} = 1\frac{1}{6}$

(iii) $\frac{8}{9} \div 16 = \frac{8}{9} \times \frac{1}{16} = \frac{1 \times 1}{9 \times 2} = \frac{1}{18}$

(iv) $9 \div \frac{1}{3} = 9 \times \frac{3}{1} = 27$

(v) $24 \div \frac{6}{7} = \frac{24}{1} \times \frac{7}{6} = \frac{4 \times 7}{1} = 28$

(vi) $3\frac{3}{5} \div \frac{4}{5} = \frac{18}{5} \div \frac{4}{5} = \frac{18}{5} \times \frac{5}{4} = \frac{9 \times 1}{1 \times 2} = \frac{9}{2} =$

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

Question 2.

Solution:

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-7-maths-chapter-2-fractions/>

$$(i) \frac{4}{7} \div \frac{9}{14} = \frac{4}{7} \times \frac{14}{9} = \frac{4 \times 2}{9} = \frac{8}{9}$$

$$(ii) \frac{7}{10} \div \frac{3}{5} = \frac{7}{10} \times \frac{5}{3} = \frac{7 \times 1}{2 \times 3} = \frac{7}{6} = 1\frac{1}{6}$$

$$(iii) \frac{8}{9} \div 16 = \frac{8}{9} \times \frac{1}{16} = \frac{1 \times 1}{9 \times 2} = \frac{1}{18}$$

$$(iv) 9 \div \frac{1}{3} = 9 \times \frac{3}{1} = 27$$

$$(v) 24 \div \frac{6}{7} = \frac{24}{1} \times \frac{7}{6} = \frac{4 \times 7}{1} = 28$$

$$(vi) 3\frac{3}{5} \div \frac{4}{5} = \frac{18}{5} \div \frac{4}{5} = \frac{18}{5} \times \frac{5}{4} = \frac{9 \times 1}{1 \times 2} = \frac{9}{2} =$$

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

$$(vii) 3\frac{3}{7} \div \frac{8}{21} = \frac{24}{7} \times \frac{8}{21} = \frac{24}{7} \times \frac{21}{8} = \frac{3 \times 3}{1 \times 1} = 9$$

$$(viii) 5\frac{4}{7} \div 1\frac{3}{10} = \frac{39}{7} \div \frac{13}{10} = \frac{39}{7} \times \frac{10}{13} \\ = \frac{3 \times 10}{7 \times 1} = \frac{30}{7} = 4\frac{2}{7}$$

$$(ix) 15\frac{3}{7} \div 1\frac{23}{49} = \frac{108}{7} \div \frac{72}{49} = \frac{108}{7} \times \frac{49}{72} \\ = \frac{3 \times 7}{1 \times 2} = \frac{21}{2} = 10\frac{1}{2}$$

Question 3.

Solution:

$$\begin{aligned} (i) \frac{11}{24} \text{ by } \frac{7}{8} &= \frac{11}{24} \div \frac{7}{8} \\ &= \frac{11}{24} \times \frac{8}{7} = \frac{11 \times 1}{3 \times 7} = \frac{11}{21} \end{aligned} \quad \begin{aligned} (iv) 32 \text{ by } 1\frac{3}{5} &= 32 \div \frac{8}{5} \\ &= 32 \times \frac{5}{8} = \frac{4 \times 5}{1} = 20 \end{aligned}$$
$$\begin{aligned} (ii) 6\frac{7}{8} \text{ by } \frac{11}{16} &= \frac{55}{8} \div \frac{11}{16} \\ &= \frac{55}{8} \times \frac{16}{11} = \frac{5 \times 2}{1} = 10 \end{aligned} \quad \begin{aligned} (v) 45 \text{ by } 1\frac{4}{5} &= 45 \div \frac{9}{5} \\ &= 45 \times \frac{5}{9} = \frac{5 \times 5}{1} = 25 \end{aligned}$$
$$\begin{aligned} (iii) 5\frac{5}{9} \text{ by } 3\frac{1}{3} &= \frac{50}{9} \div \frac{10}{3} \\ &= \frac{50}{9} \times \frac{3}{10} = \frac{5 \times 1}{3 \times 1} = \frac{5}{3} = 1\frac{2}{3} \end{aligned} \quad \begin{aligned} (vi) 63 \text{ by } 2\frac{1}{4} &= 63 \div \frac{9}{4} \\ &= 63 \times \frac{4}{9} = \frac{7 \times 4}{1} = 28. \end{aligned}$$

Question 4.

Solution:

$$\text{Total length of the rope} = 13\frac{1}{2} = \frac{27}{2} \text{ m}$$

Number of pieces = 9

$$\begin{aligned} \therefore \text{Length of each piece} &= \frac{27}{2} \div 9 = \frac{27}{2} \times \frac{1}{9} \\ &= \frac{3 \times 1}{2 \times 1} = \frac{3}{2} = 1\frac{1}{2} \text{ m} \end{aligned}$$

Question 5.

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-7-maths-chapter-2-fractions/>

Solution:

Total weight of 18 boxes

$$= 49\frac{1}{2} \text{ kg} = \frac{99}{2} \text{ kg}$$

$$\therefore \text{Weight of 1 box} = \left(\frac{99}{2} \div 18 \right) \text{ kg}$$

$$= \frac{99}{2} \times \frac{1}{18} = \frac{11}{2 \times 2} = \frac{11}{4} \text{ kg}$$

$$= 2\frac{3}{4} \text{ kg}$$

Question 6.

Solution:

Total amount of oranges = Rs 378

and price of one orange = Rs $6\frac{3}{4}$

$\therefore$ Total number of oranges

$$= \text{Rs } 378 \div \text{Rs } 6\frac{3}{4}$$

$$= 378 \div \frac{27}{4}$$

$$= 378 \times \frac{4}{27} = 14 \times 4$$

$$= 56$$

Question 7.

Solution:

Question 8.

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-7-maths-chapter-2-fractions/>

Solution:

$$\begin{aligned}\text{Distance covered in } 7\frac{3}{4} \text{ hours} &= 20\frac{2}{3} \text{ km} \\ \therefore \text{Distance covered in one hour} &= 20\frac{2}{3} \div 7\frac{3}{4} \\ &= \left(\frac{62}{3} \div \frac{31}{4} \right) \text{ km} \\ &= \frac{62}{3} \times \frac{4}{31} = \frac{2 \times 4}{3} \text{ km} \\ &= \frac{8}{3} \text{ km} = 2\frac{2}{3} \text{ km}\end{aligned}$$

Question 9.

Solution:

$$\begin{aligned}\text{Price of } 8\frac{1}{2} \text{ kg of sugar} &= \text{Rs } 242\frac{1}{4} \\ \therefore \text{Price of one kg} &= \text{Rs } 242\frac{1}{4} \div 8\frac{1}{2} \\ &= \text{Rs } \left(\frac{969}{4} \div \frac{17}{2} \right) \\ &= \text{Rs } \frac{969}{4} \times \frac{2}{17} = \text{Rs } \frac{57 \times 1}{2 \times 1} \\ &= \text{Rs } \frac{57}{2} = \text{Rs } 28\frac{1}{2}\end{aligned}$$

Question 10.

Solution:

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-7-maths-chapter-2-fractions/>

$$\text{Cost of one notebook} = \text{Rs } 27\frac{3}{4} = \text{Rs } \frac{111}{4}$$

$$\text{Total amount} = \text{Rs } 249\frac{3}{4} = \text{Rs } \frac{999}{4}$$

$\therefore$ Number of notebooks can be purchased

$$\begin{aligned} &= \frac{999}{4} \div \frac{111}{4} \\ &= \frac{999}{4} \times \frac{4}{111} = 9 \end{aligned}$$

Question 11.

Solution:

$$\text{Price of one ticket} = \text{Rs } 32\frac{1}{2} = \text{Rs } \frac{65}{2}$$

$$\text{Total amount collected} = \text{Rs } 877\frac{1}{2}$$

$$= \text{Rs } \frac{1755}{2}$$

$$\therefore \text{ Number of tickets sold} = \text{Rs } \frac{1755}{2} \div \frac{65}{2}$$

$$= \frac{1755}{2} \times \frac{2}{65} = 27$$

Question 12.

Solution:

$$\text{Contribution by each student} = \text{Rs } 261\frac{1}{2}$$

$$= \text{Rs } \frac{523}{2}$$

$$\text{Total contribution collected} = \text{Rs } 2876\frac{1}{2}$$

$$= \text{Rs } \frac{5753}{2}$$

$$\therefore \text{Number of students} = \text{Rs } \frac{5753}{2} \div \frac{523}{2}$$

$$= \frac{5753}{2} \times \frac{2}{523} = 11$$

Question 13.

Solution:

Total quantity of milk = 24 litres

and quantity of milk got by one student = $2\frac{1}{5}$ litres

$$\therefore \text{Number of students} = \left(24 \div 2\frac{1}{5} \right)$$

$$= 24 \times \frac{5}{11} = 10\frac{4}{11}$$

Question 14.

Solution:

Quantity of water in a bucket

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-7-maths-chapter-2-fractions/>

$$= 20\frac{1}{4} \text{ l} = \frac{81}{4} \text{ l} \qquad = \frac{81}{4} \text{ l} \div \frac{3}{4} \text{ l}$$

$$\text{Quantity of water in a jug} = \frac{3}{4} \text{ l}$$

$\therefore$ Number of jugs which to be filled

$$= \frac{81}{4} \times \frac{4}{3} = 27$$

Question 15.

Solution:

$$\text{Product of two numbers} = 15\frac{5}{6} = \frac{95}{6}$$

$$\text{One number} = 6\frac{1}{3} = \frac{19}{3}$$

$$\therefore \text{Second number} = \frac{95}{6} \div \frac{19}{3}$$

$$= \frac{95}{6} \times \frac{3}{19} = \frac{5 \times 1}{2 \times 1} = \frac{5}{2}$$

$$= 2\frac{1}{2}$$

Question 16.

Solution:

$$\text{Product of two numbers} = 42$$

$$\text{One number} = 9\frac{4}{5} = \frac{49}{5}$$

$$\begin{aligned}\therefore \text{Second number} &= 42 \div \frac{49}{5} = 42 \times \frac{5}{49} \\ &= \frac{6 \times 5}{7} = \frac{30}{7} = 4\frac{2}{7}\end{aligned}$$

Question 17.

Solution:

$$\text{Product of two numbers} = 6\frac{2}{9} = \frac{56}{9}$$

$$\text{One number} = 4\frac{2}{3} = \frac{14}{3}$$

$$\begin{aligned}\therefore \text{Required number} &= \frac{56}{9} \div \frac{14}{3} \\ &= \frac{56}{9} \times \frac{3}{14} = \frac{4 \times 1}{3 \times 1} = \frac{4}{3} = 1\frac{1}{3}\end{aligned}$$

Ex 2D

OBJECTIVE QUESTIONS

Mark (✓) against the correct answer in each of the following:

Question 1.

Solution:

(c)

Denominator in (a) and (b) is 10

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-7-maths-chapter-2-fractions/>

These are decimal fractions

But denominator of (c) is 3

103 is a vulgar fraction

Question 2.

Solution:

(c)

710 and 79 are proper fractions as each of these have numerator less than its denominator

97 is improper fraction

Question 3.

Solution:

(a)

105112 is reducible fraction because HCF 112 of 105 and 112 is 7

Question 4.

Solution:

(c)

$$\therefore \frac{4}{6} = \frac{4 \div 2}{6 \div 2} = \frac{2}{3}, \frac{6}{9} = \frac{6 \div 3}{9 \div 3} = \frac{2}{3}$$

$$\text{and } \frac{8}{12} = \frac{8 \div 4}{12 \div 4} = \frac{2}{3}$$

$$\therefore \text{Each of these fractions} = \frac{2}{3}$$

Question 5.**Solution:**

(c)

$$\frac{9}{16} = \frac{13}{24} \Rightarrow 9 \times 24 = 13 \times 16$$

$$\Rightarrow 216 = 208, \text{ which is not true.}$$

$$\frac{9}{16} < \frac{13}{24} \Rightarrow 9 \times 24 < 13 \times 16$$

$$\Rightarrow 216 < 208 \text{ which is not true}$$

$$\frac{9}{16} > \frac{13}{24} \Rightarrow 9 \times 24 > 13 \times 16$$

$$\Rightarrow 216 > 208 \text{ which is true.}$$

Question 6.**Solution:**

(d)

Reciprocal of $1\frac{3}{4}$ or $\frac{7}{4}$ is $\frac{4}{7}$.

But none of these $1\frac{4}{3}$, $4\frac{1}{3}$ is $3\frac{1}{4}$ is equal

to $\frac{4}{7}$

$\therefore$ None of these is reciprocal of $1\frac{3}{4}$

Question 7.

Solution:

(c)

$$\frac{3}{10} + \frac{8}{15} = \frac{9+16}{30} = \frac{25}{30} = \frac{5}{6}$$

Question 8.

Solution:

(d)

$$3\frac{1}{4} - 2\frac{1}{3} = \frac{13}{4} - \frac{7}{3} = \frac{39-28}{12} = \frac{11}{12}$$

Question 9.

Solution:

(d)

$$36 \div \frac{1}{4} = 36 \times \frac{4}{1} = 144$$

Question 10.

Solution:

(b)

$$\therefore \text{Product} = 1\frac{6}{7} = \frac{13}{7}$$

$$\text{One number} = 2\frac{3}{5} = \frac{13}{5}$$

$$\begin{aligned}\therefore \text{Second required number} &= \frac{13}{7} \div \frac{13}{5} \\ &= \frac{13}{7} \times \frac{5}{13} = \frac{5}{7}\end{aligned}$$

Question 11.

Solution:

(d)

$$\begin{aligned}\text{Required number} &= 1\frac{1}{2} \div \frac{2}{3} = \frac{3}{2} \div \frac{2}{3} \\ &= \frac{3}{2} \times \frac{3}{2} = \frac{9}{4} = 2\frac{1}{4}\end{aligned}$$

Question 12.

Solution:

(c)

$$\frac{8}{5} \div \frac{2}{3} = \frac{8}{5} \times \frac{3}{2} = \frac{12}{5} = 2\frac{2}{5}$$

Question 13.

Solution:

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-7-maths-chapter-2-fractions/>

(d)

$$\frac{11}{5} \div \frac{6}{5} = \frac{11}{5} \times \frac{5}{6} = \frac{11}{6} = 1\frac{5}{6}$$

Question 14.

Solution:

(d)

Reciprocal of $1\frac{2}{3}$

or $\frac{5}{3}$ is $\frac{3}{5}$

Question 15.

Solution:

(b)

The correct statement will be

$$\frac{2}{3}, \frac{3}{5}, \frac{14}{15}$$

$$\frac{10, 9, 14}{15}$$

L.C.M. of 3, 5, 15 = 15

$$9 < 10 < 14$$

$$\text{or } \frac{3}{5} < \frac{2}{3} < \frac{14}{15}$$

Question 16.**Solution:**

(c)

A car runs in 1 litre of petrol = 16 km

$$\text{It will run in } 2\frac{3}{4} \text{ litres} = 16 \times 2\frac{3}{4} \text{ km}$$

$$= 16 \times \frac{11}{4} \text{ km}$$

$$= 44 \text{ km}$$

Question 17.**Solution:**

(a)

$$\text{In one day, he reads} = 1\frac{3}{4} = \frac{7}{4} \text{ hr.}$$

$$\text{and in 6 days he will read} = \frac{7}{4} \times 6$$

$$= \frac{21}{2} \text{ hr.}$$

$$= 10\frac{1}{2} \text{ hours}$$



RS Aggarwal Class 7 Solutions

- Chapter 1–Integers
- Chapter 2–Fractions
- Chapter 3–Decimals
- Chapter 4–Rational Numbers
- Chapter 5–Exponents
- Chapter 6–Algebraic Expressions
- Chapter 7–Linear Equations in One Variable
- Chapter 8–Ratio and Proportion
- Chapter 9–Unitary Method
- Chapter 10–Percentage
- Chapter 11–Profit and Loss
- Chapter 12–Simple Interest
- Chapter 13–Lines and Angles
- Chapter 14–Properties of Parallel Lines
- Chapter 15–Properties of Triangles
- Chapter 16–Congruence
- Chapter 17–Constructions
- Chapter 18–Reflection and Rotational Symmetry
- Chapter 19–Three-Dimensional Shapes
- Chapter 20–Mensuration
- Chapter 21–Collection and Organisation of Data (Mean, Median and Mode)
- Chapter 22–Bar Graphs
- Chapter 23–Probability

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-7-maths-chapter-2-fractions/>

About RS Aggarwal Class 7 Book

Investing in an R.S. Aggarwal book will never be of waste since you can use the book to prepare for various competitive exams as well. RS Aggarwal is one of the most prominent books with an endless number of problems. R.S. Aggarwal's book very neatly explains every derivation, formula, and question in a very consolidated manner. It has tonnes of examples, practice questions, and solutions even for the NCERT questions.

He was born on January 2, 1946 in a village of Delhi. He graduated from Kirori Mal College, University of Delhi. After completing his M.Sc. in Mathematics in 1969, he joined N.A.S. College, Meerut, as a lecturer. In 1976, he was awarded a fellowship for 3 years and joined the University of Delhi for his Ph.D. Thereafter, he was promoted as a reader in N.A.S. College, Meerut. In 1999, he joined M.M.H. College, Ghaziabad, as a reader and took voluntary retirement in 2003. He has authored more than 75 titles ranging from Nursery to M. Sc. He has also written books for competitive examinations right from the clerical grade to the I.A.S. level.

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-7-maths-chapter-2-fractions/>

Frequently Asked Questions (FAQs)

Why must I refer to the RS Aggarwal textbook?

RS Aggarwal is one of the most important reference books for high school grades and is recommended to every high school student. The book covers every single topic in detail. It goes in-depth and covers every single aspect of all the mathematics topics and covers both theory and problem-solving. The book is true of great help for every high school student. Solving a majority of the questions from the book can help a lot in understanding topics in detail and in a manner that is very simple to understand. Hence, as a high school student, you must definitely dwell your hands on RS Aggarwal!

Why should you refer to RS Aggarwal textbook solutions on Indcareer?

RS Aggarwal is a book that contains a few of the hardest questions of high school mathematics. Solving them and teaching students how to solve questions of such high difficulty is not the job of any neophyte. For solving such difficult questions and more importantly, teaching the problem-solving methodology to students, an expert teacher is mandatory!

Does IndCareer cover RS Aggarwal Textbook solutions for Class 6-12?

RS Aggarwal is available for grades 6 to 12 and hence our expert teachers have formulated detailed solutions for all the questions of each edition of the textbook. On our website, you'll be able to find solutions to the RS Aggarwal textbook right from Class 6 to Class 12. You can head to the website and download these solutions for free. All the solutions are available in PDF format and are free to download!

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-7-maths-chapter-2-fractions/>

About IndCareer

IndCareer.com is a leading developer of online career guidance resources for the Indian marketplace. Established in 2007, IndCareer.com is currently used by over thousands of institutions across India, including schools, employment agencies, libraries, colleges and universities.

IndCareer.com is designed to assist you in making the right career decision - a decision that meets your unique interests and personality.

For any clarifications or questions you can write to **info@indcareer.com**

Postal Address

IndCareer.com
52, Shilpa Nagar,
Somalwada
Nagpur - 440015
Maharashtra, India

WhatsApp: +91 9561 204 888

Website: <https://www.indcareer.com>

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-7-maths-chapter-2-fractions/>