

Maths-7

Chapter 3: Fractions – Answer Key

A. MCQs

1. C

2. A

3. A

4. B

5. C

B. Fill in the Blanks

1. Like

2. $\frac{7}{5}$

3. Equal

4. Improper

5. Fraction

C. Short Answers

1. $\frac{7}{3} = 2 \frac{1}{3}$

2. LCM of 12 and 18 = 36 $\rightarrow (\frac{15}{36} + \frac{14}{36}) = \frac{29}{36}$

3. $(\frac{3}{4} - \frac{2}{5}) = \frac{15}{20} - \frac{8}{20} = \frac{7}{20}$

4. $(\frac{2}{3} \times \frac{9}{10}) = \frac{18}{30} = \frac{3}{5}$

5. $(\frac{4}{5} \div \frac{2}{3}) = (\frac{4}{5} \times \frac{3}{2}) = \frac{12}{10} = \frac{6}{5}$

D. Word Problems

1. $\frac{3}{8} + \frac{1}{4} = \frac{3}{8} + \frac{2}{8} = \frac{5}{8}$ litres

2. $\frac{7}{9} - \frac{2}{9} = \frac{5}{9}$ m

3. $\frac{3}{5} - \frac{1}{10} = \frac{6}{10} - \frac{1}{10} = \frac{5}{10} = \frac{1}{2}$ kg

4. $4 \div \frac{1}{6} = 4 \times 6 = 24$ pieces

5. $(\frac{9}{16}) \div (\frac{3}{4}) = (\frac{9}{16} \times \frac{4}{3}) = \frac{36}{48} = \frac{3}{4}$