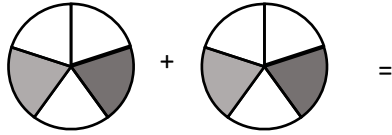




Grade 7 Fractions and Decimals

Q1 What is sum of fractions of shaded part ?



Q2 Neena and Meena had five bottles of 1 litre juice. They noticed 2 bottles are puffed so they cannot consume it. What fraction of juice is consumable now?

Q3) Find $\frac{5}{8}$ of i) $3\frac{5}{6}$ ii) $9\frac{2}{3}$

Q4) Riya reads $\frac{2}{3}$ part of book in 1 hour. How much part of book will she read in $2\frac{1}{4}$ hour? If book has 100 pages, how many pages is this part?

Q5) An architect builds 5 pillars in a row at the construction site. The distance between two adjacent pillars is $\frac{3}{5}$ m. Find the distance between the first and the last pillar.

Q6) The tailor cuts strip of cloth 20 cm long into smaller strip of length $\frac{3}{5}$ cm each. How many strips will he get now?

Q7) Find

i) 101.01×0.01 ii) 0.2×434.12 iii) $90.63 \div 0.03$ iv) $3.89 \div 1000$

Q8) Each side of polygon is 2.5 cm in length. The perimeter of the polygon is 12.5 cm. How many sides does the polygon have?



Answer Key

A1) $\frac{4}{5}$

A2) $\frac{3}{5}$

A3) i) $2\frac{19}{48}$ ii) $6\frac{1}{24}$

A4) $\frac{3}{5}$ [Hint $\frac{2}{3} \times \frac{9}{4} = \frac{3}{2}$], 150 pages

A5) $\frac{12}{5}$ [Hint $4 \times \frac{3}{5}$]

A6) 4 [Hint $20 \times \frac{3}{5}$]

A7) i) 1.0101 ii) 86.824 iii) 3021 iv) 0.00389

A8) 5 sides