INDIAN SCHOOL AL WADI AL KABIR

Class VII, Mathematics (2021-22)
Worksheet 1- Fractions
21-04-2021

SHORT ANSWER TYPE QUESTIONS. (2 Marks each)

Q1.	Rani ate $\frac{2}{7}$ part of a cake while her brother Ravi ate $\frac{4}{5}$ of it. Who ate lesser part? By how much?
Q2.	 Is pictorial representation of_____.
Q3.	Find the product of $\frac{2}{7}$ and $\frac{5}{9}$.
Q4.	Write the reciprocal of $5\frac{3}{5}$ is.
Q5.	(a) The value of the product of two proper fractions is_____ than each of the two fractions. (b) The product of two improper fractions is_____ than the two fractions.

LONG ANSWER TYPE -1 QUESTIONS. (3 Marks each)

Q6.	The product of two fraction is $9\frac{3}{5}$ **.** If one of the fractions is $9\frac{3}{7}$**.** Find the other.

Q7.	Balwant and Goli played 36 games of chess. Balwant won $\frac{7}{9}$ of the games.
	   (a) How many games Balwant win?
	   (b) How many games Goli win?
	   (c) Write the fraction for the game won by Goli.

Q8.	Cost of a burger is ₹$20\frac{3}{4}$ and of macpuff is ₹$15\frac{1}{2}$. Find the cost of 4 burgers and 14 macpuffs.
Q9.	Ramu finishes $\frac{1}{3}$ part of a work in 1 hour. How much part of the work will be finished in $2\frac{1}{5}$ hours?
Q10.	In the morning, a milkman filled $5\frac{1}{2}$ Litres of milk in his can. He sold to Renu, Kamla and Renuka $\frac{3}{4}$ Litre each. How much milk is left in the can?

LONG ANSWER TYPE- 2 QUESTIONS. (4 Marks each)

Q11.	A rectangular sheet of paper is $12\frac{1}{2}$ cm long and $10\frac{2}{3}$ cm wide. Find its perimeter.
Q12.	Reshma uses $\frac{3}{4}$ m of cloth to stitch a shirt. How many shirts can she make with $2\frac{1}{4}$ m cloth
O.13	The cost of 1 kg of rice is ₹$11\frac{1}{4}$. How many kilograms of rice can be bought for ₹ $25\frac{5}{7}$?

| Q.14 | A magazine has 60 pages of which $\frac{7}{12}$ are for advertising, $\frac{4}{15}$ have only photographs on them and the rest are for articles and stories.
    a) How many pages have photographs on them.
    b) How many pages have advertisement on them.
    c) How many pages have articles and stories on them.
    d) Write the fraction for no. of pages had articles and stories on them. |
| Q15. | If the cost of $2\frac{3}{4}$ kg of sugar is ₹$206\frac{1}{4}$. Then the cost of $8\frac{1}{5}$ kg of sugar. |

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ANSWER KEY					
Q1.	Rani , $\frac{18}{35}$	**Q2.**	$3 \times \frac{2}{3}$	**Q3.**	$\frac{10}{63}$
Q4.	$\frac{5}{28}$	**Q5.**	Lesser Greater	**Q6.**	$1\frac{1}{55}$
Q7.	28 ,8, $\frac{2}{9}$	**Q8.**	₹83 , ₹217	**Q9.**	$\frac{11}{15}$
Q10.	$3\frac{1}{4}$	**Q11.**	$46\frac{1}{3}$ cm	**Q12.**	3 shirts
Q13.	$2\frac{2}{7}$	**Q14.**	Adv -35, Photo- 16 Art. 9 and $\frac{3}{20}$	**Q15.**	₹615