Class – 5

Chapter – 7

Decimal Fractions

<u>Lecture sheet – 5</u>

Word Problem

1) We want to equally divide 0.6 L of milk into 3 students. How many litres of milk will each student have?

Solution:

3 students get 0.6 L of milk 1 students get (0.6 ÷ 3) L of milk = 0.2 L

Ans: 0.2 L

2) 5 students want to divide 4.5 meters of tape equally among them. How many metres of tape will each have?

Solution:

5 students get 4.5 m of tape 1 student get (4.5 ÷ 5) m of tape = 0.9 m of tape Ans: 0.9 m of tape

_		
$\left(\right)$	Rough	
	0.9	
	5)4.5 	
	0	
	45	
	45	
	0	

3) There are 0.63 litres of oil in a container. When we divide it equally into 7 cups, how many litres of oil will each cup contain?

Solution:

7 cups contain 0.63 L of oil 1 cup contain (0.63 ÷ 7) L of oil = 0.09 L of oil *Ans:* 0.09 L of oil

Ro	ough	
	0.09	
7)	0.63	
	0	
_	6	
-	0	
	63	
	63	
	0	

4) We want to equally divide 2 litres of milk into 5 students. How many litres of milk will each student have?

Solution:

5 students get 2 L of milk 1 Students get (2 ÷ 5) L of milk = 0.4 L of milk Ans: 0.42 L of milk

Rough	
0.4	
5) 2.0	
0	
20	
20	
0	

5) villagers want to equally divide 35.28 litres of oil by 9 families. How many litres of oil will each family receive?

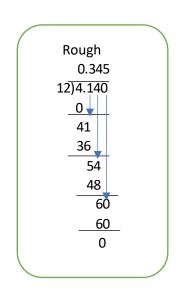
Solution:

9 families receive 35.28 L of oil 1 family receive (35.28 ÷ 9) L of oil = 3.92 L of oil **Ans:** 3.92 L of oil

Rough
3.92
9) 35.28
27
82
81
18
18
0

6) There are 12 cups of the same kind, which weigh 4.14 kg. How many kg does each cup weigh? Solution:

12 cups weigh 4.14 kg 1 cup weigh (4.14 ÷ 12) kg = 0.345 kg **Ans:** 0.345 kg



Exercise (Do yourself)

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