

INTERNATIONAL INDIAN SCHOOL, RIYADH

WORK SHEET 2017-2018 ACADAMIC YEAR

Std. VII

SUBJECT: MATHEMATICS

CHAPTER -2

Fractions and decimals

1. $\frac{12}{18} = \frac{6}{-} =$

2. $\frac{4}{-} = \frac{36}{45}$

3. $\frac{-}{24} = \frac{2}{6}$

4. $0.4 \times 0.0004 = \underline{\hspace{2cm}}$

5. $15.4 \div 2 = \underline{\hspace{2cm}}$

6. Convert @ 725 paise into rupees. B)55m to km.

7. Simplify

a) $5\frac{1}{4} \div 2\frac{4}{5}$

b) $2\frac{3}{7} \times 5\frac{5}{6} \div 11\frac{1}{3}$

c) $(18.5 - 18.05) + 2.152$

d) $10.78 - 5.99$

8. Divide a) $\frac{2}{3} \div \frac{10}{9}$ b) $\frac{3}{2} \div 5$ c) $7.7 \div 11$

9. 24 liters of milk was distributed equally among all the students of a hostel. If each students got $\frac{3}{5}$ liters of milk, how many students are there in the hostel?

10. A car travelled 154.23 km in 12.5 liters of petrol. Find the distance travelled by the car in the following amount of petrol. A) 1 liter b) 15 liter.

11. What should be added to $12\frac{4}{5}$ to get $15\frac{2}{3}$?

12. A book has 2150 pages. Sana read $\frac{2}{5}$ of the book. How many pages of the book did she read?

13. If a liter of milk cost ₹ $18\frac{1}{2}$, what would be the cost of 24 liters of milk?

14. Find the product of each of the following.

a) $\frac{7}{11} \times \frac{3}{7}$ b) $\frac{6}{7} \times \frac{51}{15}$ c) $4\frac{2}{9} \div 3\frac{3}{8}$

15. If a $16\frac{1}{4}$ m long ribbon is cut in 13 equal pieces, find the length of each piece?
16. Mangoes are sold at ₹ $25\frac{1}{4}$ for a kilogram. How many kilograms of mangoes can be purchased for ₹ 707 ?
17. The price of a book is ₹ 18.75. find the price of 35 such books?
18. A tank contains 162.5 liters of oil. How many 12.5 liter containers can be filled completely from the tank?
19. Divide a) 2.571 by 3 b) 73.9 by 5
20. Multiply a) 0.67×12.09 b) 7.76×0.54

Answers

1) 3	2) 5	3) 8	4) 0.00016	5) 7.7	6) a) ₹7.25 b) 0.055km	7) a) $\frac{15}{17}$ b) $\frac{3}{2}$ c) 2.602 d) 4.79
8) a) $\frac{3}{5}$ b) $\frac{3}{10}$ c) 0.7	9) 40	10) a) 12.3384 b) 185.076	11)	12) 860 pages	13) ₹ 444	14) a) $\frac{3}{11}$ b) $\frac{6}{5}$ c) $5\frac{7}{4}$
15) $1\frac{1}{4}$ m	16) 28 kg	17) ₹ 656.25	18) 13	19) a) 0.857 b) 14.78	20) a) 8.1003 b) 4.1904	

Best of luck

