

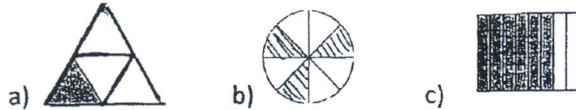
INTERNATIONAL INDIAN SCHOOL , RIYADH

MATHS WORKSHEET ( 2015 -16)

CLASS :- 6

CHAPTER :- FRACTIONS

1) Write the fraction for the shaded portion :-



2) Draw number line and locate the following fractions :-

a)  $\frac{2}{3}, \frac{4}{3}, \frac{1}{3}, \frac{6}{3}$       b)  $\frac{4}{9}, \frac{7}{9}, \frac{10}{9}, \frac{5}{9}$

3) Express the following as mixed fraction :-

a)  $\frac{39}{7}$       b)  $\frac{112}{5}$       c)  $\frac{56}{3}$       d)  $\frac{91}{6}$       e)  $\frac{34}{8}$

4) Express the following as improper fractions :-

a)  $3\frac{4}{5}$       b)  $5\frac{7}{9}$       c)  $11\frac{4}{9}$       d)  $5\frac{6}{7}$

5) Write first five equivalent fractions for each.:-

a)  $\frac{3}{8}$       b)  $\frac{10}{15}$       c)  $\frac{7}{9}$

6) Write each fraction in simplest form :-

a)  $\frac{56}{78}$       b)  $\frac{115}{175}$       c)  $\frac{33}{78}$       d)  $\frac{12}{20}$       e)  $\frac{45}{55}$       f)  $\frac{90}{100}$

7) Fill in the boxes:-

a)  $\frac{\square}{15} = \frac{3}{5}$       b)  $\frac{45}{55} = \frac{9}{\square}$       c)  $\frac{12}{9} = \frac{\square}{36}$       d)  $\frac{36}{\square} = \frac{4}{3}$       e)  $\frac{\square}{100} = \frac{9}{10}$

8) Find the equivalent fraction of  $\frac{4}{7}$  with

a) Numerator 28      b) Denominator 63

9) Arrange the fractions in ascending and descending order :

a)  $\frac{13}{5}, \frac{7}{5}, \frac{1}{5}, \frac{8}{5}, \frac{2}{5}, \frac{11}{5}$       b)  $\frac{13}{15}, \frac{13}{7}, \frac{13}{50}, \frac{13}{11}, \frac{13}{2}, \frac{13}{9}$

10) Compare the fractions and put appropriate signs :-

a)  $\frac{14}{21} \square \frac{4}{21}$       b)  $\frac{21}{31} \square \frac{21}{30}$       c)  $\frac{4}{7} \square \frac{6}{11}$   
d)  $\frac{7}{9} \square \frac{4}{5}$       e)  $\frac{16}{24} \square \frac{12}{18}$       f)  $\frac{2}{12} \square \frac{3}{15}$

11) Solve :-

a)  $\frac{7}{25} + \frac{11}{25}$     b)  $\frac{28}{43} - \frac{19}{43}$     c)  $\frac{12}{15} + \frac{11}{3}$     d)  $\frac{27}{45} + \frac{8}{9}$   
e)  $\frac{3}{5} + \frac{2}{30} + \frac{4}{15}$     f)  $\frac{7}{8} + \frac{3}{4} + \frac{5}{32}$     g)  $1 - \frac{7}{9}$     h)  $5 + \frac{12}{15}$   
i)  $2\frac{3}{4} + 3\frac{4}{5}$     j)  $4\frac{5}{16} - 2\frac{1}{4}$     k)  $1\frac{3}{4} + 2\frac{2}{5} + 3\frac{1}{2}$

12) Greg and Peter bought a large pizza to share . Greg ate  $\frac{5}{8}$  of the pizza.

What fraction of the pizza was left for Peter?

13) Monica and Ryan shared 18 cookies . Monica ate  $\frac{1}{6}$  of the cookies.

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Ryan ate  $\frac{1}{3}$  of the cookies. How many cookies were left?

14) Leanne bought a bag of marbles .  $\frac{3}{8}$  of the marbles were green.

$\frac{1}{5}$  of the marbles were red . How many marbles were in the bag altogether?

15) Dakota filled a measuring cup with  $3\frac{7}{8}$  of a cup of vegetable oil. Then she poured  $\frac{1}{2}$

of the oil into a frying pan. How much oil is left in the measuring cup?

16) Maggie found an orange caterpillar and a green caterpillar in her backyard. The

green caterpillar was  $\frac{3}{4}$  of a inch long and the orange caterpillar was  $\frac{5}{8}$  of a inch long.

Which colour caterpillar is longer and how much longer than the another?

17) Warren's Desserts made a batch of fresh scones with  $\frac{9}{10}$  of a pound of butter and

$\frac{2}{5}$  of a pound of sugar. How much more butter than sugar was used?

18) At the beach, Kayla and her sister both built sandcastles and then measured

their heights. Kayla's sandcastle was  $\frac{3}{4}$  of a foot tall and her sister's was  $\frac{5}{12}$

of a foot tall. Who's sandcastle is taller and by how much?

INTERNATIONAL INDIAN SCHOOL , RIYADH

MATHEMATICS WORKSHEET (2015-2016)

CHAPTER: DECIMALS

CLASS VI

Multiple choice questions

- The decimal form of  $\frac{5}{125}$  is  
(a) 1.25 (b) 0.05 (c) 0.004 (d) 0.04
- The fractional form of 2.35 is  
(a)  $\frac{7}{40}$  (b)  $\frac{47}{20}$  (c)  $\frac{50}{20}$  (d)  $\frac{23}{20}$
- The number of digits in the decimal part of 9.4005 is  
(a) 2 (b) 3 (c) 4 (d) 5
- Every decimal number can be expressed as a/an  
(a) Natural number (b) Integer (c) Fraction (d) None of these
- 5 paise = \_\_\_\_\_ Rs  
(a) 0.5 (b) 0.05 (c) 0.50 (d) 0.005
- Write the following in the place value table  
(a) Rupees fifty five and fifty paise  
(b) Five meter and sixty five centimeter  
(c) Twelve centimeter and six millimeter  
(d) Five kilograms and eight gram
- Write the following as decimals  
(a) Two tens and seven tenths  
(b) One ten, two ones and three hundreds  
(c) Five hundreds, three tens, nine ones, eight tenths and five hundredths
- Write each of the following as decimals  
(a)  $\frac{7}{10}$  (b)  $65 + \frac{8}{10} + \frac{5}{100}$  (c)  $700 + 5 + \frac{3}{10} + \frac{8}{1000}$   
(d)  $3\frac{4}{5}$  (e)  $6\frac{1}{2}$
- Write the following decimals as fractions and reduce the fractions to lowest form  
(a) 3.50 (b) 1.125 (c) 3.05 (d) 2.375

10. Express the following in centimeters using decimals

- (a) 4 cm 2mm      (b) 242mm      (c) 33mm      (d) 5mm

11. Express as rupees using decimals

- (a) 5 Rs 5 paise      (b) 35 paise  
(c) 50Rs 90 paise      (d) 21Rs 75 paise

12. Represent the following on number line

- (a) 0.4      (b) 1.5      (c) 2.8      (d) 1.7

13. Compare

- (a) 1.461  $\underline{\quad}$  1.231      (b) 0.8  $\underline{\quad}$  0.08  
(c) 0.09  $\underline{\quad}$  0.1      (d) 5.64  $\underline{\quad}$  5.603

14. Find the sum

- (a)  $0.87 + 0.5$       (b)  $67.35 + 22.65$       (c)  $10 + 0.637 + 0.363$   
(d)  $25.076 + 0.55 + 0.004$

15. Subtract

- (a) 22.35 from 36.75      (b) 205.35 from 245.5      (c) 3.250 from 10.750  
(d) 3.515 from 8.5

16. Word problems

(a) Naresh walked 2km 165 m in the morning and 2km 5m in the evening. How much distance did he walk in all?

(b) Sonu purchased 4.5 Kg of potatoes and 3.350 Kg of tomatoes. What is the total weight?

(c) Anusha bought 2litrs 350ml of milk and added 475ml of syrup in it. What is the total volume?

(d) Rohan has Rs 355.50 in his pocket. He purchased a shirt for Rs 235.50 and a pair of socks for Rs 22.65. How much money is left with him ?

(e) Kiran bought a book for RS 65.65. he gave Rs 100 to the shopkeeper. How much money the shopkeeper return to Kiran ?