

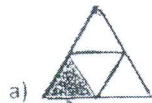
INTERNATIONAL INDIAN SCHOOL , RIYADH

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?