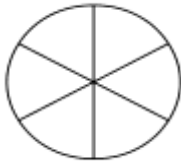


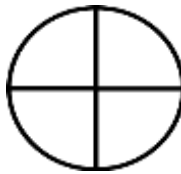
**NISCORT FATHER AGNEL SCHOOL, VAISHALI (2017-18)**  
**SELF LEARNING WORKSHEET-11**  
**CLASS-III**  
**SUBJECT-MATHS**  
**TOPIC - FRACTIONS**

1. Shade the following fraction in the given figures.

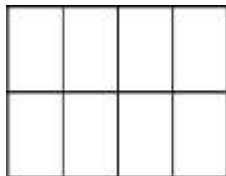
a)  $\frac{2}{6}$



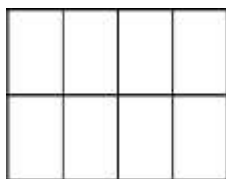
b)  $\frac{1}{4}$



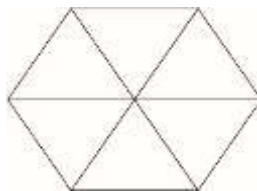
c)  $\frac{4}{8}$



d)  $\frac{6}{8}$



e)  $\frac{4}{6}$

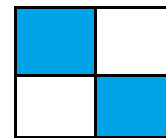


2. See the figures of each question and fill in the blanks:

- (i) The figure is divided into \_\_\_\_\_ equal parts.  
Number of Shaded parts = \_\_\_\_\_.  
Fraction for shaded portion = \_\_\_\_\_.  
Fraction for not shaded portion = \_\_\_\_\_.



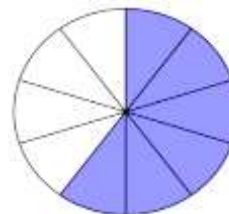
- (ii) The figure is divided into \_\_\_\_\_ equal parts.  
 Number of Shaded parts = \_\_\_\_\_.  
 Fraction for shaded portion = \_\_\_\_\_.  
 Fraction for not shaded portion = \_\_\_\_\_.



- (iii) The figure is divided into \_\_\_\_\_ equal parts.  
 Number of Shaded parts = \_\_\_\_\_.  
 Fraction for shaded portion = \_\_\_\_\_.  
 Fraction for not shaded portion = \_\_\_\_\_.



- (iv) The figure is divided into \_\_\_\_\_ equal parts.  
 Number of Shaded parts = \_\_\_\_\_.  
 Fraction for shaded portion = \_\_\_\_\_.  
 Fraction for not shaded portion = \_\_\_\_\_.



3. Write fraction for each of the following –

- (a) One- fifth
- (b) One-eighth
- (c) Seven-tenths
- (d) Ten -sixteenths
- (e) Two-sevenths

4. Complete the following table –

Fraction	Numerator	Denominator
$\frac{2}{12}$		
	13	21
$\frac{4}{5}$		5
$\frac{4}{\quad}$		13
$\frac{\quad}{7}$	2	

5. Fill in the blanks:

(i) \_\_\_\_\_ halves make a whole.

(ii) \_\_\_\_\_ one -sixth make a whole.

(iii) \_\_\_\_\_ one -ninth make a whole.

(iv) \_\_\_\_\_ one-sixteenth make a whole.

6. Encircle the greater fraction:

(i)  $\frac{7}{24}, \frac{5}{24}$     (ii)  $\frac{3}{11}, \frac{7}{11}$     (iii)  $\frac{5}{14}, \frac{7}{14}$     (iv)  $\frac{11}{19}, \frac{17}{19}$     (v)  $\frac{7}{16}, \frac{5}{16}$

7. Put  $>$ ,  $<$  or  $=$  to make the statement correct:

(i)  $\frac{7}{11}$  \_\_\_\_\_  $\frac{9}{11}$     (ii)  $\frac{7}{18}$  \_\_\_\_\_  $\frac{5}{18}$     (iii)  $\frac{3}{4}$  \_\_\_\_\_  $\frac{2}{4}$

(iv)  $\frac{8}{14}$  \_\_\_\_\_  $\frac{5}{14}$     (v)  $\frac{7}{11}$  \_\_\_\_\_  $\frac{7}{11}$     (vi)  $\frac{8}{9}$  \_\_\_\_\_  $\frac{4}{9}$

8. Arrange in the descending order:

(i)  $\frac{15}{41}, \frac{19}{41}, \frac{7}{41}, \frac{11}{41}, \frac{21}{41}$     (ii)  $\frac{17}{31}, \frac{24}{31}, \frac{15}{31}, \frac{18}{31}, \frac{30}{31}$

9. Arrange in the ascending order:

(i)  $\frac{5}{11}, \frac{1}{11}, \frac{3}{11}, \frac{7}{11}, \frac{6}{11}, \frac{10}{11}$     (ii)  $\frac{7}{17}, \frac{5}{17}, \frac{11}{17}, \frac{13}{17}, \frac{3}{17}$

10. Encircle the smaller fraction:

(i)  $\frac{5}{9}, \frac{4}{9}$     (ii)  $\frac{8}{80}, \frac{51}{80}$     (iii)  $\frac{5}{41}, \frac{11}{41}$

(iv)  $\frac{8}{17}, \frac{8}{15}$     (v)  $\frac{16}{21}, \frac{16}{25}$     (vi)  $\frac{27}{38}, \frac{27}{31}$

**ANSWERS:**

2. (i) 4, 1,  $\frac{1}{4}$ ,  $\frac{3}{4}$  (ii) 4, 2,  $\frac{2}{4}$ ,  $\frac{2}{4}$  (iii) 8, 3,  $\frac{3}{8}$ ,  $\frac{5}{8}$  (iv) 10, 6,  $\frac{6}{10}$ ,  $\frac{4}{10}$

3. (a)  $\frac{1}{5}$  (b)  $\frac{1}{8}$  (c)  $\frac{7}{10}$  (d)  $\frac{10}{16}$  (e)  $\frac{2}{7}$

4. (i) N=2, D= 12 (ii)  $\frac{13}{21}$  (iii) N=4 (iv)  $\frac{4}{13}$ , N=4 (V)  $\frac{2}{7}$ , D=7

5. (i) 2 (ii) 6 (iii) 9 (iv) 16

6. (i)  $\frac{7}{24}$  (ii)  $\frac{7}{11}$  (iii)  $\frac{7}{14}$  (iv)  $\frac{17}{19}$  (v)  $\frac{7}{16}$

7. (i) < (ii) > (iii) > (iv) > (v) = (vi) >

8. (i)  $\frac{21}{41}$ ,  $\frac{19}{41}$ ,  $\frac{15}{41}$ ,  $\frac{11}{41}$ ,  $\frac{7}{41}$  (ii)  $\frac{30}{31}$ ,  $\frac{24}{31}$ ,  $\frac{18}{31}$ ,  $\frac{17}{31}$ ,  $\frac{15}{31}$

9. (i)  $\frac{1}{11}$ ,  $\frac{3}{11}$ ,  $\frac{5}{11}$ ,  $\frac{6}{11}$ ,  $\frac{7}{11}$ ,  $\frac{10}{11}$ , (ii)  $\frac{3}{17}$ ,  $\frac{5}{17}$ ,  $\frac{7}{17}$ ,  $\frac{11}{17}$ ,  $\frac{13}{17}$ ,

10. (i)  $\frac{4}{9}$  (ii)  $\frac{8}{80}$  (iii)  $\frac{5}{41}$  (iv)  $\frac{8}{17}$  (v)  $\frac{16}{25}$  (vi)  $\frac{27}{38}$

**NISCORT FATHER AGNEL SCHOOL, VAISHALI (2017-18)**  
**SELF LEARNING WORKSHEET-12**  
**CLASS-III**  
**SUBJECT-MATHS**  
**TOPIC – FRACTIONS**

1. Numerators and denominators are given below. Write fraction for each:

Numerator	Denominator	Fraction	Numerator	Denominator	Fraction
(i) 7	11		(iv) 12	17	
(ii) 19	21		(v) 8	19	
(iii) 4	14		(vi) 11	17	

2. Write the following fractions numerically:

- (i) Two- sevenths
- (ii) Five- ninths
- (iii) One-fifth
- (iv) One- quarter
- (v) Twelve by sixteenths

3. Write the fractions for the shaded part.

(i)



(ii)



(iii)



4. Write the following fractions in words:

(i)  $\frac{3}{7}$       (ii)  $\frac{8}{15}$       (iii)  $\frac{1}{9}$       (iv)  $\frac{6}{11}$

5. Find the fractions in which the denominator is 3 more than the numerator:

$\frac{6}{9}$     $\frac{7}{4}$     $\frac{8}{11}$     $\frac{4}{9}$     $\frac{11}{13}$     $\frac{7}{10}$     $\frac{14}{11}$     $\frac{16}{13}$     $\frac{20}{23}$

6. Solve the following problems.

(a) Ajay bought 5 cans of paints and used 3 cans. What fraction of the paint did he use?

\_\_\_\_\_

(b) In a test of 15 marks, Nandini got 9 marks. What fractions of marks did she get?

\_\_\_\_\_

(c) In a book of 25 pages, Kumar read 20. What fraction did he read?

\_\_\_\_\_

(d) From her home work of 12 sums, Kusum finished doing 8. What fraction of her homework is not finished?

\_\_\_\_\_

7. Tick the correct answer-

a) Which is the fraction of each fraction in a rainbow?

(i)  $\frac{1}{4}$                       (ii)  $\frac{1}{7}$                       (iii)  $\frac{1}{8}$

b) How many quarters will make a whole?

(i) 2                      (ii) 3                      (iii) 4

c) Which is the fraction of our National Flag?

(i)  $\frac{1}{3}$                       (ii)  $\frac{2}{3}$                       (iii)  $\frac{3}{4}$

d) Shaloo invited 7 girls to her birthday party. Only 3 girls came. What fraction of the girls did not attend the party?

(i)  $\frac{3}{4}$                       (ii)  $\frac{4}{7}$                       (iii)  $\frac{3}{7}$

8. Circle the greater fraction-

a)  $\frac{2}{9}$ ,  $\frac{7}{9}$ ,  $\frac{5}{9}$                       b)  $\frac{11}{12}$ ,  $\frac{7}{12}$ ,  $\frac{5}{12}$                       c)  $\frac{6}{10}$ ,  $\frac{9}{10}$ ,  $\frac{3}{10}$

9. Arrange the following ascending order-

(a)  $\frac{28}{37}$ ,  $\frac{12}{37}$ ,  $\frac{20}{37}$ ,  $\frac{22}{37}$                       b)  $\frac{1}{13}$ ,  $\frac{2}{13}$ ,  $\frac{11}{13}$ ,  $\frac{9}{13}$

10. (a) How many one-seventh make a whole? \_\_\_\_\_

(b) How many one-eighth make a whole? \_\_\_\_\_

(c) How many one-halves make a whole? \_\_\_\_\_

11. Fill in the blanks:

(i) In  $\frac{6}{7}$ , 6 is \_\_\_\_\_

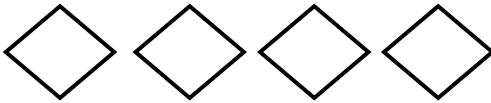
(ii) In  $\frac{4}{9}$ , 9 is \_\_\_\_\_

12. Color to show the given fraction

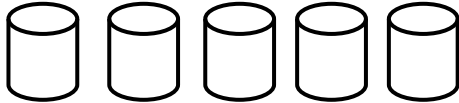
(i)  $\frac{1}{3}$



(ii)  $\frac{3}{4}$



(iii)  $\frac{2}{5}$



Answers:

1. (i)  $\frac{7}{11}$     (ii)  $\frac{19}{21}$     (iii)  $\frac{4}{14}$     (iv)  $\frac{12}{17}$     (v)  $\frac{8}{19}$     (vi)  $\frac{11}{17}$
2. (i)  $\frac{2}{7}$     (ii)  $\frac{5}{9}$     (iii)  $\frac{1}{5}$     (iv)  $\frac{1}{4}$     (v)  $\frac{12}{16}$
3. (a)  $\frac{2}{4}$     (b)  $\frac{1}{4}$     (c)  $\frac{3}{4}$
4. (i) three-sevenths    (ii) eight-fifteenths    (iii) One-ninth    (iv) Six-elevenths
5. (i)  $\frac{6}{9}$ ,  $\frac{8}{11}$ ,  $\frac{7}{10}$ ,  $\frac{20}{23}$
6. (a)  $\frac{3}{5}$     (b)  $\frac{9}{15}$     (c)  $\frac{20}{25}$     (d)  $\frac{4}{12}$
7. (a)-(ii)    (b)-(iii)    (c)-(ii)    (d)-(ii)
  
8. (a)  $\frac{7}{9}$     (b)  $\frac{11}{12}$     (c)  $\frac{9}{10}$
  
9. (a)  $\frac{12}{37}$ ,  $\frac{20}{37}$ ,  $\frac{22}{37}$ ,  $\frac{28}{37}$     (b)  $\frac{1}{13}$ ,  $\frac{2}{13}$ ,  $\frac{9}{13}$ ,  $\frac{11}{13}$
  
10. (a) 7    (b) 8    (c) 2
  
11. (i) Numerator    (ii) Denominator