St. Andrews Scots Sr. Sec. School

I.P.Extension, Patparganj,Delhi- 110092

Session:2026-2027

Subject: Mathematics **Class: III** **Unit-7 (Fractions)**

Questions to be done:

Ex 7A: - Book

Ex 7B: - Book

Ex 7C: - Book

Ex 7D: - Book

Review Time

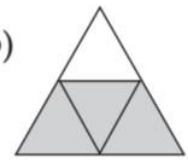
Worksheet

Activity

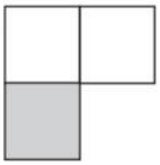
Exercise 7A

1. Colour fractions of each shape.

(a)  $\frac{1}{4}$

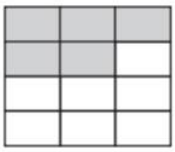
(b)  $\frac{3}{4}$

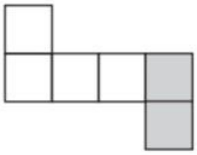
(c)  $\frac{7}{8}$

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

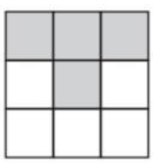
(e)  $\frac{3}{6}$

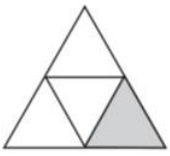
(f)  $\frac{1}{6}$

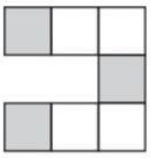
(g) $\frac{4}{5}$  $\frac{5}{12}$

(h)  $\frac{2}{6}$

(i) 

2. (a)  Shaded $\boxed{\frac{4}{9}}$ Unshaded $\boxed{\frac{5}{9}}$

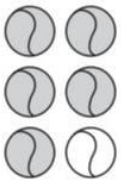
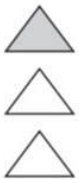
(b)  Shaded $\boxed{\frac{1}{4}}$ Unshaded $\boxed{\frac{3}{4}}$

(c)  Shaded $\boxed{\frac{3}{7}}$

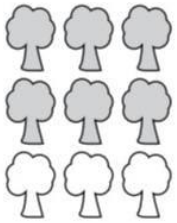
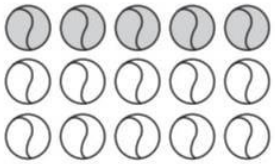
Unshaded $\boxed{\frac{4}{7}}$

3. (a) $\frac{1}{2}$ of 6 = $\underline{3}$ (b) $\frac{1}{3}$ of 18 = $\underline{6}$ (c) $\frac{1}{5}$ of 10 = $\underline{2}$

(d) $\frac{1}{6}$ of 12 = $\underline{2}$ (e) In $\frac{3}{7}$, the numerator is $\underline{3}$

4. (a)  $\frac{5}{9}$ (b)  $\frac{5}{6}$ (c)  $\frac{1}{3}$

5. (b)  $\frac{1}{2}$ of 6 = $\underline{3}$ (c)  $\frac{1}{4}$ of 8 = $\underline{2}$

(d)  $\frac{2}{3}$ of 9 = $\underline{6}$ (e)  $\frac{1}{3}$of 15 = $\underline{5}$

(f)  $\frac{3}{4}$ of 12 = $\underline{9}$

6. (b)  $\boxed{\frac{3}{5}}$ (c)  $\boxed{\frac{4}{8}}$

(d)  $\boxed{\frac{4}{10}}$

7. (a) two-fourths = $\frac{2}{4}$ (b) one-seventh = $\frac{1}{7}$ (c) six-ninths = $\frac{6}{9}$

(d) eight-twelfths = $\frac{8}{12}$ (e) two-fifths = $\frac{2}{5}$ (f) seven-tenths = $\frac{7}{10}$

8. (b) $\frac{2}{5}$ = two-fifths (c) $\frac{4}{13}$ = four-thirteenths

(d) $\frac{7}{16}$ = seven-sixteenths (e) $\frac{1}{8}$ = one-eighth

(f) $\frac{3}{14}$ = three-fourteenths

9. (a) Numerator = 3, Denominator = 5, Fraction = $\frac{3}{5}$

(b) Numerator = 7, Denominator = 10, Fraction = $\frac{7}{10}$

(c) Numerator = 5, Denominator = 8, Fraction = $\frac{5}{8}$

10. (a) $\frac{1}{3}$ of 21 = [7] (b) $\frac{1}{2}$ of 16 = [8] (c) $\frac{1}{5}$ of 40 = [8]

(d) $\frac{1}{4}$ of 56 = [14] (e) $\frac{1}{4}$ of 28 = [7] (f) $\frac{1}{3}$ of 36 = [12]

Exercise 7B

1. (a) $\frac{2}{6}$ [✓] (b) $\frac{1}{4}$ [✓] (c) $\frac{3}{4}$ [✓] (d) $\frac{5}{2}$ [✗]

(e) $\frac{7}{6}$ [✗] (f) $\frac{1}{8}$ [✓] (g) $\frac{9}{7}$ [✗] (h) $\frac{7}{9}$ [✓]

2. (a) $\frac{1}{5}$ [✓] (b) $\frac{5}{6}$ [✗] (c) $\frac{2}{5}$ [✓] (d) $\frac{3}{5}$ [✓]

(e) $\frac{5}{7}$ [✗] (f) $\frac{5}{8}$ [✗] (g) $\frac{4}{9}$ [✗] (h) $\frac{4}{5}$ [✓]

3. $\frac{7}{8}$, (1/2), $\frac{4}{11}$, (1/9), $\frac{2}{4}$, (1/16), $\frac{9}{12}$, $\frac{6}{7}$, $\frac{4}{9}$, $\frac{5}{6}$, $\frac{3}{4}$, (1/3), $\frac{4}{7}$, (1/8), $\frac{5}{18}$, $\frac{9}{16}$

Exercise 7C

1. (a) $\frac{1}{8}$ [=] $\frac{1}{8}$ (b) $\frac{1}{3}$ [=] $\frac{1}{3}$ (c) $\frac{2}{5}$ [<] $\frac{4}{5}$ (d) $\frac{3}{7}$ [=] $\frac{3}{7}$

(e) $\frac{2}{7}$ [<] $\frac{3}{7}$ (f) $\frac{4}{8}$ [>] $\frac{3}{8}$ (g) $\frac{2}{4}$ [<] $\frac{3}{4}$ (h) $\frac{5}{6}$ [>] $\frac{1}{6}$

2. (a) Ascending order : $\frac{1}{8} < \frac{3}{8} < \frac{5}{8} < \frac{6}{8}$

(b) Ascending order : $\frac{1}{5} < \frac{2}{5} < \frac{3}{5} < \frac{4}{5}$

3. (a) Descending order : $\frac{6}{7} > \frac{5}{7} > \frac{3}{7} > \frac{2}{7}$

(b) Descending order : $\frac{4}{5} > \frac{3}{5} > \frac{2}{5} > \frac{1}{5}$

Exercise 7D

1. (a) $\frac{1}{4} + \frac{1}{4} = \boxed{\frac{1+1}{4} = \frac{2}{4} = \frac{1}{2}}$ (b) $\frac{1}{6} + \frac{3}{6} + \frac{2}{6} = \boxed{\frac{1+3+2}{6} = \frac{6}{6} = 1}$

(c) $\frac{1}{9} + \frac{3}{9} = \boxed{\frac{1+3}{9} = \frac{4}{9}}$ (d) $\frac{1}{11} + \frac{2}{11} + \frac{3}{11} = \boxed{\frac{1+2+3}{11} = \frac{6}{11}}$

(e) $\frac{1}{5} + \frac{2}{5} = \boxed{\frac{1+2}{5} = \frac{3}{5}}$ (f) $\frac{5}{8} + \frac{1}{8} + \frac{1}{8} = \boxed{\frac{5+1+1}{8} = \frac{7}{8}}$

2. (a) $\frac{3}{4} - \frac{1}{4} = \boxed{\frac{3-1}{4} = \frac{2}{4} = \frac{1}{2}}$ (b) $\frac{2}{5} - \frac{1}{5} = \boxed{\frac{2-1}{5} = \frac{1}{5}}$

(c) $\frac{3}{8} - \frac{2}{8} = \boxed{\frac{3-2}{8} = \frac{1}{8}}$ (d) $\frac{5}{8} - \frac{4}{8} = \boxed{\frac{5-4}{8} = \frac{1}{8}}$

(e) $\frac{6}{7} - \frac{3}{7} = \boxed{\frac{6-3}{7} = \frac{3}{7}}$ (f) $\frac{5}{7} - \frac{1}{7} = \boxed{\frac{5-1}{7} = \frac{4}{7}}$

Review Time

I. 1. (b) 2. (a) 3. (b) 4. (c) 5. (b) 6. (b)
7. (b) 8. (b) 9. (b) 10. (a)

II. 1. In $\frac{4}{7}$, the numerator is 4 and the denominator is 7.

2. Five-twelfths.

3. $\frac{1}{5}, \frac{1}{7}, \frac{1}{9}$

4. Descending order: $\frac{8}{9} > \frac{7}{9} > \frac{5}{9} > \frac{3}{9}$

5. Ascending order: $\frac{2}{7} < \frac{3}{7} < \frac{5}{7} < \frac{6}{7}$

6. (a) $\frac{5}{13} + \frac{2}{13} + \frac{4}{13} = \frac{5+2+4}{13} = \frac{11}{13}$ (b) $\frac{14}{23} - \frac{9}{23} = \frac{14-9}{23} = \frac{5}{23}$

(c) $\frac{2}{9} + \frac{4}{9} = \frac{2+4}{9} = \frac{6}{9}$

III. 1. (c) 2. (c) 3. (d) 4. (a)