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

(c) $\frac{4}{8}, \frac{5}{8}, \frac{7}{8}$ (d) $\frac{4}{12}, \frac{5}{12}, \frac{9}{12}$

Practice A p. 90

1 (a) $\frac{3}{4}$

(b) $\frac{7}{10}$

(c) $\frac{5}{12}$

2 (a) 2 (b) 6 (c) 9

3 (a) 8 (b) 9 (c) 10

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

5 (a) $\frac{3}{10}$ (b) $\frac{1}{10}$ (c) $\frac{2}{9}$

6. (a) $\frac{5}{7}$ (b) $\frac{1}{2}$

7 (a) $\frac{1}{6}$ (b) $\frac{3}{10}$

p. 92

(1) a. $\frac{4}{6}$

b. $\frac{6}{9}$

c. $\frac{8}{12}$

d. $\frac{10}{15}, \frac{12}{18}, \frac{14}{21}$

(2) a. $1 = \frac{2}{2} = \frac{3}{3} = \frac{8}{8}$

b. $\frac{1}{3} = \frac{2}{6} = \frac{3}{9} = \frac{4}{12}$

$\frac{2}{6}$ $\frac{3}{9}$

3. (a) $\frac{3}{12}$ (b) $\frac{6}{9}$ (c) $\frac{2}{10}$ (d) $\frac{3}{18}$ (e) $\frac{6}{10}$ (f) $\frac{6}{8}$

4. (a) $\frac{8}{12} = \frac{4}{6} = \frac{2}{3}$

$\frac{4}{6}$ $\frac{2}{3}$

5. (a) $\frac{4}{5}$ (b) $\frac{1}{2}$ (c) $\frac{2}{3}$ (d) $\frac{2}{3}$ (e) $\frac{3}{4}$ (f) $\frac{5}{6}$

6. (a) $\frac{3}{4}$ (b) $\frac{2}{4}$ (c) $\frac{1}{2}$, $\frac{1}{2}$

7. (a) $\frac{1}{2}$ (b) $\frac{3}{4}$ (c) $\frac{1}{2}$ (d) $\frac{1}{3}$
(e) $\frac{2}{5}$ (f) $\frac{2}{3}$ (g) $\frac{5}{6}$ (h) $\frac{3}{5}$

8. $\frac{3}{4} = \frac{6}{8}$, $\frac{3}{4}$ is greater

9. $\frac{2}{5} = \frac{4}{10}$, $\frac{7}{10}$: :

10. (a) $\frac{7}{10}$ (b) $\frac{1}{2}$ (c) $\frac{7}{10}$

11. (a) $\frac{7}{10}$ (b) $\frac{5}{6}$ (c) $\frac{5}{9}$

12. (a) $\frac{1}{2}, \frac{5}{8}, \frac{3}{4}$ (b) $\frac{3}{10}, \frac{2}{5}, \frac{3}{5}$

(6) Practice

o write in the
atest fraction,

r is not a simple
ent cannot solve
s, or use this
ity below.

1. (a) $\frac{2}{8}$ (b) $\frac{9}{15}$ (c) $\frac{2}{6}=\frac{3}{9}$
   (d) $\frac{2}{5}$ (e) $\frac{2}{3}$ (f) $\frac{2}{4}=\frac{3}{6}$
2. (a) $\frac{4}{10}$ (b) $\frac{9}{12}$ (c) $\frac{4}{6}=\frac{6}{9}$
   (d) $\frac{1}{2}$ (e) $\frac{3}{4}$ (f) $\frac{3}{6}=\frac{5}{10}$
3. (a) $\frac{7}{10}$ (b) $\frac{5}{6}$ (c) $\frac{10}{12}$
   (a) $\frac{5}{6}$ (b) $\frac{2}{3}$ (c) $\frac{3}{4}$
4. (a) $\frac{1}{7}, \frac{3}{7}, \frac{5}{7}$ (b) $\frac{1}{10}, \frac{1}{5}, \frac{1}{2}$
   (c) $\frac{1}{2}, \frac{2}{3}, \frac{5}{6}$ (d) $\frac{1}{4}, \frac{5}{12}, \frac{2}{3}$
5. $\frac{1}{2}$ is greater than $\frac{2}{6}$.
   Sara ate a bigger portion.

d 12 and have
heir simplest
or should
You can do this
2. Shuffle and
r draws an even
o can use the
the round.

12, 4, 5, 3, 8, 9

$\frac{4}{5}, \frac{4}{9}, \frac{5}{12}, \frac{5}{8}, \frac{5}{9}, \frac{3}{4}, \frac{3}{5}, \frac{3}{8}, \frac{8}{9}$

ur student to
$\frac{4}{5}$. If you did
ename each
he same
directly.

almost the
he part away
to make 1 with

se. $\frac{1}{6}$ is less
ust therefore
ne to illustrate

$\frac{10}{12}$ $\frac{4}{5}$

$\frac{5}{6}$ $\frac{4}{5}$

$\frac{5}{6}+\frac{1}{6}=1$ $\frac{4}{5}+\frac{1}{5}=1$

$\frac{1}{6}<\frac{1}{5} \longrightarrow \frac{5}{6}>\frac{4}{5}$

$\frac{10}{12}>\frac{4}{5}$