Lesson 22

Sprint

Side A

1.	2	12.	$\frac{5}{8}$	23.	$1\frac{1}{5}$	34.	$1\frac{8}{10}$
2.	$\frac{2}{5}$	13.	7	24.	9	35.	6
3.	3	14.	$\frac{7}{8}$	25.	9 eighths	36.	6 sixths
4.	$\frac{3}{5}$	15.	8 eighths	26.	$1\frac{1}{8}$	37.	$\frac{6}{6}$
5.	4	16.	1	27.	$1\frac{7}{8}$	38.	$1\frac{3}{6}$
6.	$\frac{4}{5}$	17.	$\frac{8}{8}$	28.	3	39.	$\frac{11}{12}$
7.	5	18.	4	29.	3 halves	40.	$\frac{12}{12}$
8.	5 fifths	19.	4 thirds	30.	$1\frac{1}{2}$	41.	$1\frac{5}{12}$
9.	1	20.	$1\frac{1}{3}$	31.	12	42.	$1\frac{11}{12}$
10.	$\frac{5}{5}$	21.	6	32.	12 tenths	43.	$1\frac{7}{15}$
11.	5	22.	6 fifths	33.	$1\frac{2}{10}$	44.	$1\frac{14}{15}$

Side B

1.	2	12.	$\frac{7}{8}$	23.	$1\frac{1}{8}$	34.	$1\frac{5}{10}$
2.	$\frac{2}{6}$	13.	7	24.	3	35.	6
3.	4	14.	$\frac{7}{8}$	25.	3 halves	36.	6 sixths
4.	$\frac{4}{6}$	15.	8 eighths	26.	$1\frac{1}{2}$	37.	$\frac{6}{6}$
5.	5	16.	1	27.	6	38.	$1\frac{3}{6}$
6.	$\frac{5}{6}$	17.	$\frac{8}{8}$	28.	6 fifths	39.	$\frac{11}{12}$
7.	6	18.	4	29.	$1\frac{1}{5}$	40.	$\frac{12}{12}$
8.	6 sixths	19.	4 thirds	30.	$1\frac{4}{5}$	41.	$1\frac{5}{12}$
9.	1	20.	$1\frac{1}{3}$	31.	18	42.	$1\frac{11}{12}$
10.	$\frac{6}{6}$	21.	9	32.	18 tenths	43.	$1\frac{7}{15}$
11.	7	22.	9 eighths	33.	$1\frac{8}{10}$	44.	$1\frac{14}{15}$

Problem Set

1. a. Tape diagram drawn; $3\frac{1}{3}$
   b. Tape diagram drawn; $4\frac{3}{4}$
   c. Tape diagram drawn; $2\frac{3}{4}$
   d. Tape diagram drawn; $4\frac{3}{5}$
2. a. $6\frac{3}{8}-\frac{3}{8}=6$, $6\frac{3}{8}-6=\frac{3}{8}$, $6+\frac{3}{8}=6\frac{3}{8}$, $\frac{3}{8}+6=6\frac{3}{8}$
   b. $9-\frac{4}{7}=8\frac{3}{7}$, $9-8\frac{3}{7}=\frac{4}{7}$, $8\frac{3}{7}+\frac{4}{7}=9$, $\frac{4}{7}+8\frac{3}{7}=9$
3. a. Answer provided
   b. $4\frac{1}{3}$; number bond shows 5 as 4 and $\frac{3}{3}$; number line drawn
   c. $6\frac{5}{8}$; number bond shows 7 as 6 and $\frac{8}{8}$; number line drawn
   d. $9\frac{6}{10}$; number bond shows 10 as 9 and $\frac{10}{10}$; number line drawn
4. a. $2\frac{9}{10}$; number bond shows 3 as 2 and $\frac{10}{10}$
   b. $4\frac{1}{4}$; number bond shows 5 as 4 and $\frac{4}{4}$
   c. $5\frac{3}{8}$; number bond shows 6 as 5 and $\frac{8}{8}$
   d. $6\frac{6}{9}$; number bond shows 7 as 6 and $\frac{9}{9}$
   e. $7\frac{4}{10}$; number bond shows 8 as 7 and $\frac{10}{10}$
   f. $28\frac{3}{12}$; number bond shows 29 as 28 and $\frac{12}{12}$

Exit Ticket

1. $5\frac{4}{5}$; number bond shows 6 as 5 and $\frac{5}{5}$.
2. $7\frac{1}{6}$; number bond shows 8 as 7 and $\frac{6}{6}$.
3. $6\frac{3}{8}$; number bond shows 7 as 6 and $\frac{8}{8}$.

Homework

1. a. Tape diagram drawn; $2\frac{1}{4}$
   b. Tape diagram drawn; $3\frac{2}{3}$
   c. Tape diagram drawn; $1\frac{4}{5}$
   d. Tape diagram drawn; $2\frac{1}{4}$
2. a. $4\frac{5}{8}-\frac{5}{8}=4, 4\frac{5}{8}-4=\frac{5}{8}, 4+\frac{5}{8}=4\frac{5}{8}, \frac{5}{8}+4=4\frac{5}{8}$
   b. $6-\frac{2}{7}=5\frac{5}{7}, 6-5\frac{5}{7}=\frac{2}{7}, 5\frac{5}{7}+\frac{2}{7}=6, \frac{2}{7}+5\frac{5}{7}=6$
3. a. Answer provided
   b. $7\frac{1}{6}$; number bond shows 8 as 7 and $\frac{6}{6}$; number line drawn
   c. $6\frac{1}{5}$; number bond shows 7 as 6 and $\frac{5}{5}$; number line drawn
   d. $2\frac{7}{10}$; number bond shows 3 as 2 and $\frac{10}{10}$; number line drawn
4. a. $5\frac{3}{4}$; number bond shows 6 as 5 and $\frac{4}{4}$
   b. $6\frac{8}{10}$; number bond shows 7 as 6 and $\frac{10}{10}$
   c. $4\frac{1}{6}$; number bond shows 5 as 4 and $\frac{6}{6}$
   d. $5\frac{2}{8}$; number bond shows 6 as 5 and $\frac{8}{8}$
   e. $2\frac{1}{8}$; number bond shows 3 as 2 and $\frac{8}{8}$
   f. $25\frac{3}{10}$; number bond shows 26 as 25 and $\frac{10}{10}$