Warm up Grade 6

Date: _____

Chapter 5

Lesson 4 Day 1

#1)Think of a clock to answer the following

David watch a movie that was 2 ¼ hours long. Frank watched a movie that was 125/60 hours long. Who watched the longer movie?

Change Improper to mixed

(Show work on how you know)

$2\frac{1}{4} \xrightarrow{\times 15,\ \times 15} 2\frac{15}{60}$ $>$ $2\frac{5}{60}$ ← $\frac{125}{60} = 2\frac{5}{60}$

common denominators of 60 on fraction

David watched the longer movie

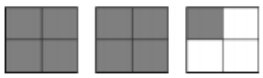
Name: _____

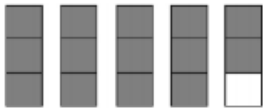
No Calculators

3 x 5 = 15	12 x 7 = 84	10 x 10 = 100	8 x 4 = 32
4 x 6 = 24	2 x 8 = 16	11 x 9 = 99	9 x 12 = 108
5 x 9 = 45	3 x 9 = 27	12 x 6 = 72	10 x 0 = 0
6 x 9 = 54	4 x 4 = 16	2 x 5 = 10	11 x 7 = 77
7 x 3 = 21	5 x 7 = 35	3 x 4 = 12	12 x 8 = 96
8 x 8 = 64	6 x 7 = 42	4 x 9 = 36	2 x 11 = 22
9 x 9 = 81	7 x 7 = 49	5 x 0 = 0	3 x 11 = 33
10 x 12 = 120	8 x 7 = 56	6 x 7 = 42	4 x 8 = 32
11 x 11 = 121	9 x 7 = 63	7 x 5 = 35	5 x 5 = 25
12 x 4 = 48	10 x 6 = 60	8 x 6 = 48	6 x 9 = 54
2 x 4 = 8	11 x 2 = 22	9 x 0 = 0	7 x 4 = 28
4 x 5 = 20	12 x 12 = 144	10 x 4 = 40	8 x 6 = 48

1. Describe each picture as an improper fraction and as a mixed number.

a)  $3\frac{1}{2} = \frac{7}{2}$

b)  $2\frac{1}{4} = \frac{9}{4}$

c)  $4\frac{2}{3} = \frac{14}{3}$

2. Write an improper fraction for each mixed number.

a) $2\frac{1}{3}$ $\frac{7}{3}$ b) $1\frac{4}{6}$ $\frac{10}{6}$ c) $1\frac{2}{3}$ $\frac{5}{3}$

d) $3\frac{1}{2}$ $\frac{7}{2}$ e) $3\frac{1}{6}$ $\frac{19}{6}$ f) $2\frac{5}{6}$ $\frac{17}{6}$

3. Write a mixed number for each improper fraction.

a) $\frac{7}{6}$ $1\frac{1}{6}$ b) $\frac{8}{3}$ $2\frac{2}{3}$ c) $\frac{7}{2}$ $3\frac{1}{2}$

d) $\frac{3}{2}$ $1\frac{1}{2}$ e) $\frac{17}{6}$ $2\frac{5}{6}$ f) $\frac{10}{3}$ $3\frac{1}{3}$

4. Write an improper fraction for each mixed number and a mixed number for each improper fraction.

a) $2\frac{3}{4}$ 11/4 b) $1\frac{7}{8}$ 15/8 c) $4\frac{3}{5}$ 23/5

d) $\frac{9}{4}$ 2 1/4 e) $\frac{16}{12}$ 1 2/12 = 1 1/4 f) $\frac{24}{5}$ 4 4/5

5. Sam made 5 loaves of banana bread for the school bake sale. She cut the loaves into 9 equal pieces. Sam sold 32 pieces of banana bread.

5 x 9 = 45 pieces → denom

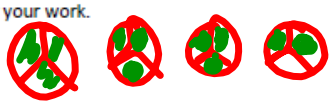
a. How many loaves did she sell? Show you answer in two ways

32/9 = 3 5/9

b. How many loaves are left? Show you answer in two ways

45 - 32 = 13 13/9 = 1 4/9 left

6) Suppose you have a $\frac{1}{3}$ *cup* measuring up. How many times would you have to fill the cup to measure $3\frac{2}{3}$ cups of flour? Draw a picture to show your work.



3 2/3 = 11/3 → there is 11 cups of 1/3

7) Sue baked $5\frac{1}{4}$ dozens of rolls. How many rolls did Sue bake? Draw a picture to show your work

5 x 12 = 60

1/4 of 12 = 12/4 = 3 } add 63 rolls made

8) Order the numbers in each set from greatest to least.

a) $\frac{7}{9}, 2\frac{1}{3}, \frac{17}{3}$

1 7/9, 2 1/3, 5 2/3

L B

17/3, 2 1/3, 7/9

b) $1\frac{1}{2}, \frac{9}{2}, \frac{3}{4}$ ← less than 1

4 1/2

9/2, 1 1/2, 3/4

c) $\frac{15}{16}, \frac{7}{4}, 4\frac{1}{2}$ → 1 3/4

less than 1

4 1/2, 7/4, 15/16

Quiz Time