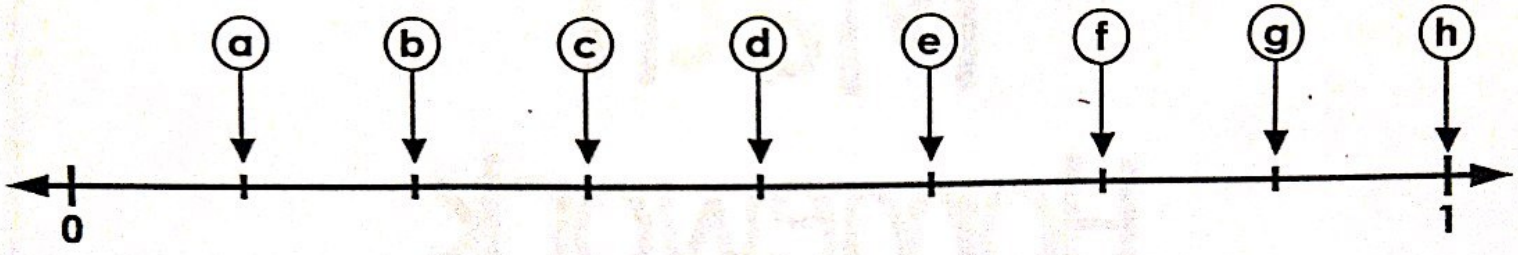
Name: _____ (Due Wednesday)

Fractions Number Line
(and Benchmark Fractions)

Write the correct letter on the blank line next to each fraction.



$\frac{1}{2}$ d $\frac{7}{8}$ _____ $\frac{1}{4}$ _____ $\frac{8}{8}$ _____

$\frac{5}{8}$ _____ $\frac{3}{4}$ _____ $\frac{1}{8}$ _____ $\frac{3}{8}$ _____

Compare the fractions using <, >, and =. Think about your benchmark fractions or find a common denominator!

$\frac{3}{8}$ > $\frac{1\times2}{4\times2}=\left(\frac{2}{8}\right)$ $\frac{4}{8}$ ◯ $\frac{1}{2}$ $\frac{5}{8}$ ◯ $\frac{3}{4}$

$\frac{1}{2}$ ◯ $\frac{3}{4}$ $\frac{7}{8}$ ◯ $\frac{1}{4}$ $\frac{1}{4}$ ◯ $\frac{2}{8}$

$\frac{1}{4}$ ◯ $\frac{7}{8}$ $\frac{8}{8}$ ◯ 1 $\frac{1}{2}$ ◯ $\frac{6}{8}$

Mrs. Browning asked her class to help with safety patrol. $\frac{4}{8}$ of the class went with her to help younger students onto the buses. Mr. Tobias took $\frac{1}{2}$ of the class to help students at the crosswalk. Compare the fractions of the class that went with each teacher using <, >, or =.

Mrs. Browning $\frac{4}{8}$ ◯ $\frac{1}{2}$ **Mr. Tobias**

Name _____ Due Thursday!

Who's Greater?

To compare fractions, first look at the denominators. If the denominators are different, find a common denominator to make equivalent fractions.

1. $\frac{2}{3} \square \frac{1}{6}$ *Find a common denominator. 6 is a multiple of both 3 and 6.*

2. $\frac{2 \times 2}{3 \times 2} = \frac{4}{6} \square \frac{1}{6}$ *Make equivalent fractions.*

3. $\frac{4}{6} \boxed{>} \frac{1}{6}$ *Compare the fractions.*

✳ Find a common denominator and make equivalent fractions. Compare using >, <, or =.

$\frac{3}{6} = \frac{3 \times 1}{3 \times 2}$ $\boxed{>}$ $\frac{2}{6}$ ↑ $\frac{3}{6}$ is bigger than $\frac{2}{6}$

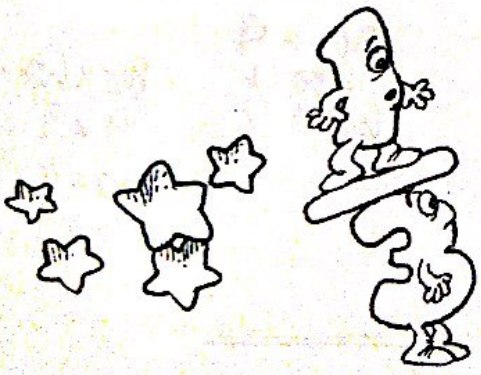
$\frac{8}{10} = \frac{2 \times 4}{2 \times 5}$ $\boxed{=}$ $\frac{8}{10}$

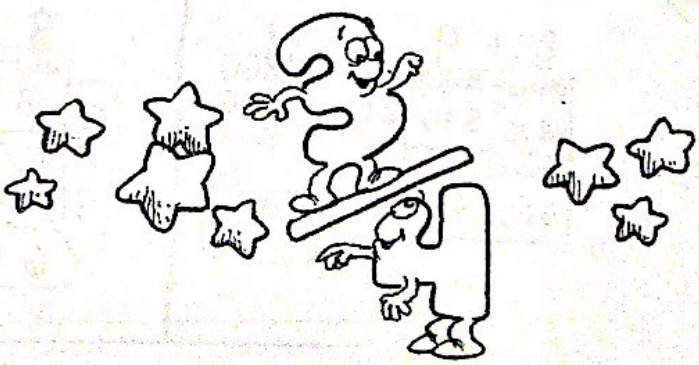
$\frac{7}{10} \square \frac{9}{10}$ $\frac{3}{4} \square \frac{4}{8}$

$\frac{1}{10} \square \frac{1}{5}$ $\frac{3}{14} \square \frac{3}{7}$ $\frac{3}{4} \square \frac{6}{12}$ $\frac{3}{6} \square \frac{2}{6}$

$\frac{4}{5} \square \frac{3}{10}$ $\frac{1}{2} \square \frac{3}{4}$ $\frac{3}{4} \square \frac{2}{8}$ $\frac{1}{2} \square \frac{2}{4}$

$\frac{3}{5} \square \frac{6}{10}$ $\frac{2}{3} \square \frac{6}{9}$ $\frac{7}{8} \square \frac{4}{8}$ $\frac{10}{12} \square \frac{5}{6}$





Multi-Digit Multiplication

SHOW YOUR WORK!! (DUE Friday)

Use any method you prefer!

Pick any ⑤ problems to complete!!

Grid.

Distributive, Lattice, and Partial Product Examples at the bottom of the page!

(1) 89 × 67 → 623 + 5340 = 5,963

(2) 62 × 52

(3) 76 × 15

(4) 63 × 49

(5) 35 × 13

(6) 52 × 46

(7) 98 × 27

(8) 81 × 47

(9) 99 × 63

(10) 97 × 73

(11) 28 × 25

(12) 95 × 86

Distributive

80 + 9

(80×60)	(9×60)
4800	540
(80×7)	(9×7)
560	63

60 + 7

4800 + 540 + 560 + 63 = 5,963

Lattice

8 9

	40	50	
5	8	4	6
9	5 6	6 3	7
	6	3	

Partial Product – down, down criss-cross

80 + 9

60 + 7

80 × 60 = 4800

9 × 7 = 63

60 × 9 = 540

80 × 7 = 560

4800 + 63 + 540 + 560 = 5,963

SHOW YOUR WORK!! (Due Friday)

÷ × − ↓
D M S B

Long Division

1 Digit Into 4 Digit Numbers - No Remainders

* Pick any ⑤ problems to Complete! *

(1) $7\overline{)1645}$ = 235

$$\begin{array}{r} 235 \\ 7\overline{)1645} \\ -14\downarrow \\ 24 \\ -21\downarrow \\ 35 \\ -35 \\ 0 \end{array}$$

(2) $6\overline{)4572}$ ✗

(3) $3\overline{)1755}$

(4) $5\overline{)4725}$

(5) $8\overline{)4784}$

(6) $4\overline{)1112}$

(7) $2\overline{)1756}$

(8) $9\overline{)1413}$

(9) $6\overline{)4788}$