



Test
Friday
10/4

UNIT 1 Fractions Review



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ARE YOU
READY??????????



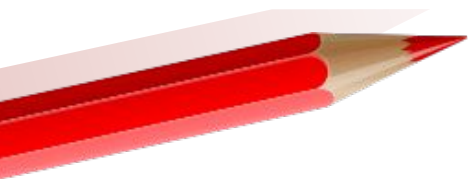
Are they Equivalent??

1. $1/9$ and $6/46$ Yes No
2. $2/12$ and $24/144$ Yes No
3. $3/7$ and $15/35$ Yes No
4. $1/2$ and $1/4$ Yes No



1-12 Multiplication Chart

	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144



LIST YOUR MULTIPLES!!!!!!!

Equivalent fractions



Select the equivalent fractions to $\frac{6}{8}$. Pick All!

A. $\frac{3}{4}$

B. $\frac{46}{64}$

C. $\frac{36}{48}$

D. $\frac{12}{16}$

E. $\frac{21}{28}$

Use multiples; Pick a number and multiply the numerator and denominator by number!

NUMBER LINE

Kayla lives $\frac{4}{10}$ miles from the mall. How far will Kayla drive from her home to the mall and back home.

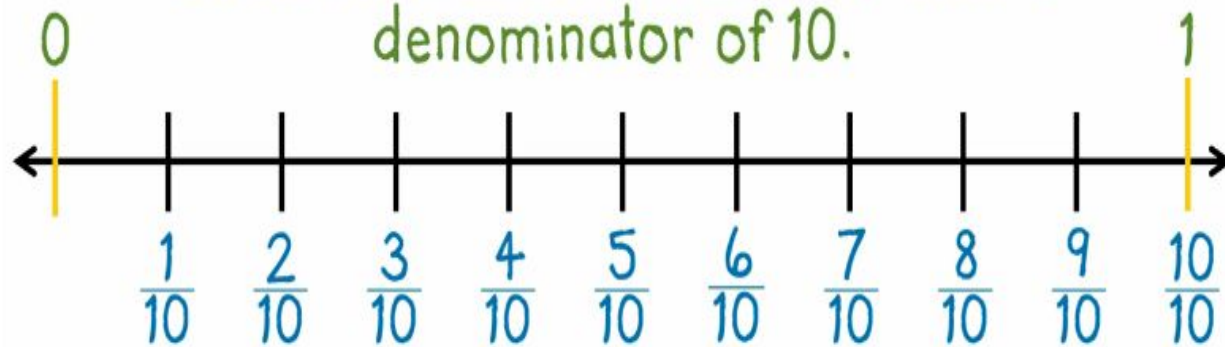
HOME □ GYM □ HOME

COUNT THE DISTANCES



Core Lesson

If a number line is broken into ten equal segments, it can be used to show the value of fractions with a denominator of 10.





Draw a line to match- Equivalent

1. $\frac{9}{2}$

2. $\frac{36}{7}$

3. $\frac{100}{9}$



4. $\frac{25}{3}$

A. $11 \frac{1}{9}$

B. $8 \frac{1}{3}$

C. $4 \frac{1}{2}$

D. $5 \frac{1}{7}$

Turn mixed number into improper fractions (Multiple then add) **PAY ATTENTION TO DENOMINATOR!**

WORD PROBLEM



Paul must ride his bike $3\frac{1}{6}$ miles to get to the gym. Paul rides for $1\frac{1}{2}$ miles and takes a break. How much farther does Paul need to ride? Show work.



Are you **ADDING OR SUBTRACTING**? What are my **NUMBERS GIVEN**????

VISUAL

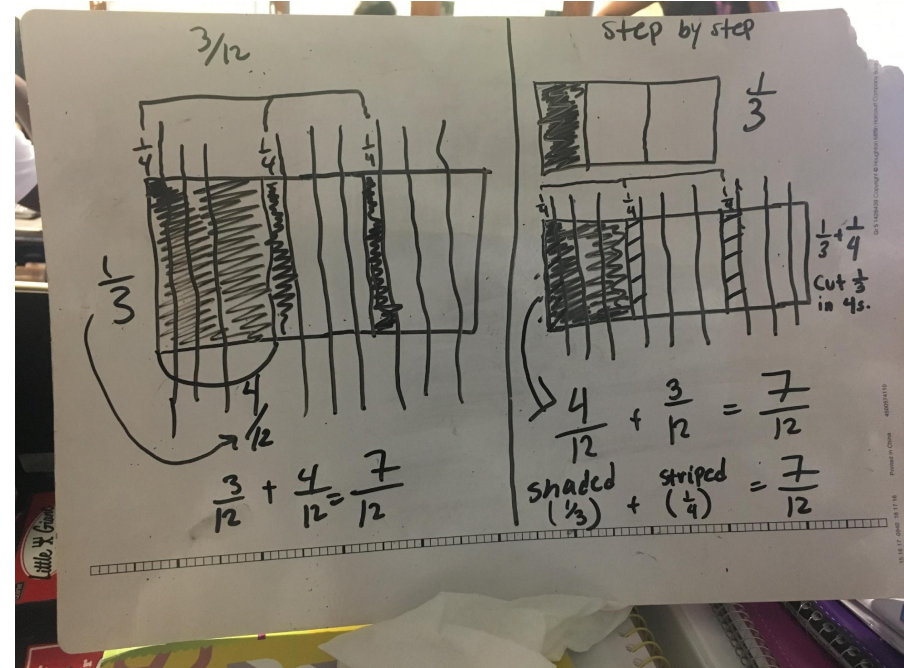
Word Problem

Joan and her family spent $\frac{1}{3}$ of their vacation visiting schools, and another $\frac{1}{4}$ of their vacation at the pool. What fraction of their vacation was spent at the pool and visiting schools?

Are you **ADDING** or **SUBTRACTING**?

NUMBERS GIVEN!

VISUAL Of Operation





$17\frac{4}{9} - 12\frac{2}{3}$

Subtract mixed numbers with regrouping

$17\frac{4}{9} - 12\frac{2}{3}$

Khan Academy

$7\frac{7}{9}$

ASK QUESTIONS. I Know you have some!!!

Stack; Multiples for Common Denominator; Borrow 1; Do operation!

You try it! Compare the answers { > = < }



$$4 \frac{1}{5} + 2 \frac{1}{4} =$$

$$4 \frac{1}{5} - 2 \frac{1}{4} =$$



STACK-
Same
Denominator-Borrow
(If Needed)-
Operation (+ or -)

Add & Subtract Mixed number

A $30 \frac{1}{3} - 9 \frac{1}{2}$ Stack

B $30 \frac{1}{3} - 9 \frac{1}{2} = 20 \frac{5}{6}$ Same Denom. $30 \frac{1}{3} + \frac{2}{6} = 30 \frac{2}{6}$

C $30 \frac{2}{6} - 9 \frac{3}{6}$ Borrow 1 from 30

D $29 \frac{8}{6} - 9 \frac{3}{6} = 20 \frac{5}{6}$ Subtract

Stack; same denom. (Multiples) $2 \times 3 = 6$; Borrow 1 $\frac{1}{3} = \frac{2}{6}$; Subtract (same denom.)



You're Ready!

**STUDY! REVIEW!
NOTES!**

