Grade 7 Warm Up

Test on adding and subtracting fractions Part 1 on April 4

~~Model~~ each of the following subtraction questions

CD

a) $\frac{9}{10} - \frac{2}{5}$ ×2 ×2

$\frac{9}{10} - \frac{4}{10}$

$\frac{5}{10}$ ÷5 ÷5 Reduce

$\frac{1}{2}$

b) $2 - \frac{3}{4}$ 4× 4×

$\frac{8}{4} - \frac{3}{4}$

$\frac{5}{4}$ Improper

$1\frac{1}{4}$

Mental Math Review

1) 80 x 25

half double

40 x 50

2000

2) half of 24

12

3) 0.5 x 150

↓

half of 150

75

4) 21 x 11

20 × 11 = 220

1 more +11

231

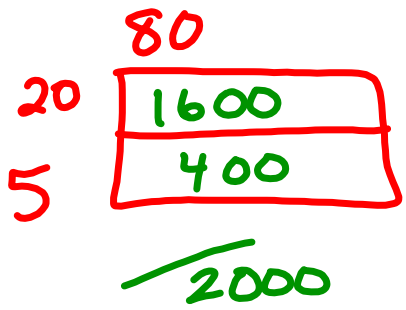
5) (-7) – (+8)

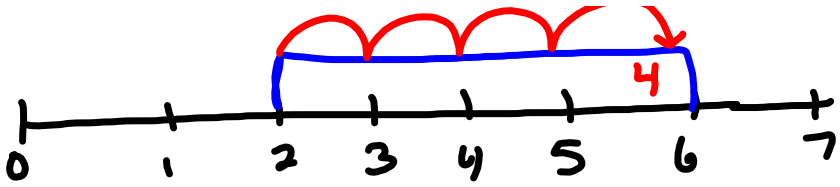
add opp

(-7) + (-8)

(-15)

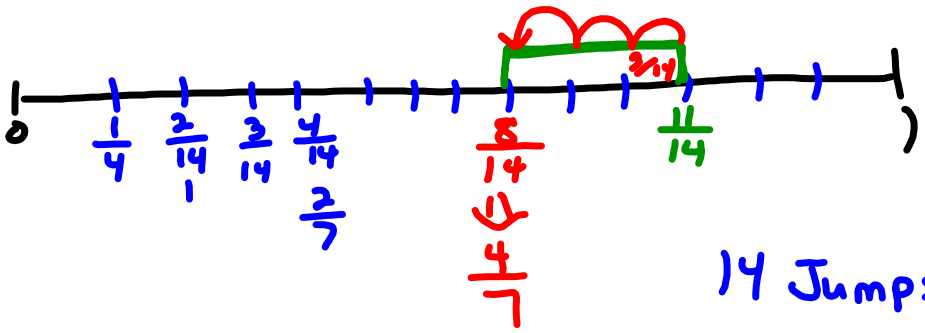
80
x25





$6 - 4 = 2$

$2 + 4 = 6$



14 Jumps until 11

1/14

$\frac{11}{14} - \frac{3}{14} = \frac{8}{14} = \frac{4}{7}$

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1a) $\frac{1}{2}$ (×4) and $\frac{5}{8}$

$\frac{4}{8}$ $\frac{5}{8}$

b) $\frac{1}{4}$ and $\frac{1}{3}$

$\frac{3}{12}$ $\frac{4}{12}$

c) $\frac{2}{3}$ and $\frac{1}{6}$

$\frac{4}{6}$ $\frac{1}{6}$

d) $\frac{3}{5}$ and $\frac{1}{2}$

$\frac{6}{10}$ $\frac{5}{10}$

2a) $\frac{5}{6} - \frac{1}{2}$

$\frac{5}{6} - \frac{3}{6} = \frac{2}{6}$

less than $\frac{1}{2}$

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

and $\frac{5}{6}$ less than 1

b) $\frac{7}{8} - \frac{1}{8}$

more than $\frac{1}{2}$

$\frac{6}{8} = \frac{3}{4}$

c) $\frac{4}{6} - \frac{1}{3}$

less than $\frac{1}{2}$

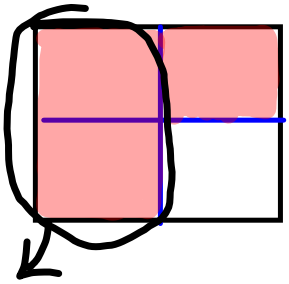
$\frac{4}{6} - \frac{2}{6} = \frac{2}{6} < \frac{1}{2} = \frac{3}{6}$

d) $\frac{1}{1} - \frac{5}{6}$ $\frac{6}{6} - \frac{5}{6}$

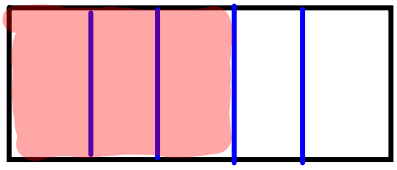
$\frac{1}{6}$

$= \frac{1}{6}$ so less than $\frac{1}{2}$

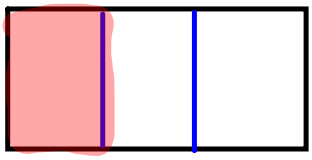
3. a) $\frac{3}{4} - \frac{2}{4} = \frac{1}{4}$



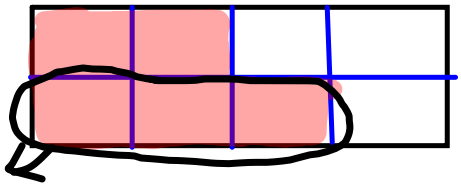
b) $\frac{4}{5} - \frac{1}{5} = \frac{3}{5}$



c) $\frac{2}{3} - \frac{1}{3} = \frac{1}{3}$



d) $\frac{5}{8} - \frac{3}{8} = \frac{2}{8}$



4. If you are subtracting fractions with like denominators, then subtract the numerators and the denominator will stay the same.

5. a) $\frac{7}{9} - \frac{1}{3}$

$\frac{7}{9} - \frac{3}{9} = \frac{4}{9}$

b) $\frac{7}{8} - \frac{3}{4}$

$\frac{7}{8} - \frac{6}{8} = \frac{1}{8}$

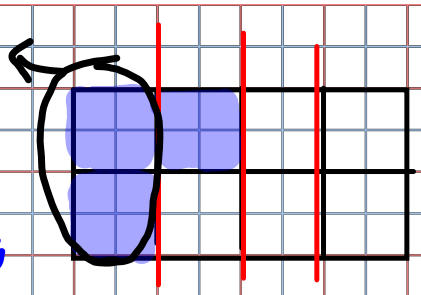
c) $\frac{8}{10} - \frac{2}{5}$

$\frac{8}{10} - \frac{4}{10} = \frac{4}{10}$

d) $\frac{11}{12} - \frac{2}{3}$

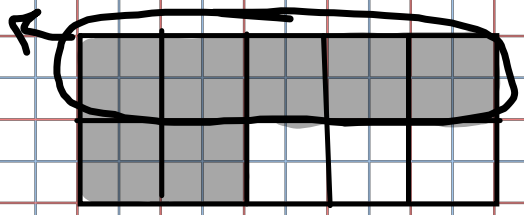
$\frac{11}{12} - \frac{8}{12} = \frac{3}{12}$

6 a) $\frac{3}{8} - \frac{1}{4}$



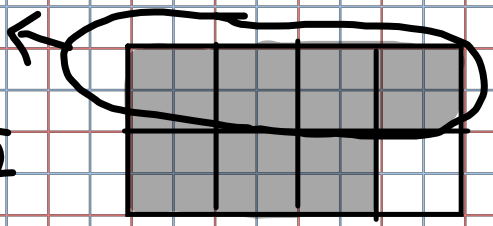
$\frac{3}{8} - \frac{2}{8} = \frac{1}{8}$

b) $\frac{7}{10} - \frac{1}{2}$



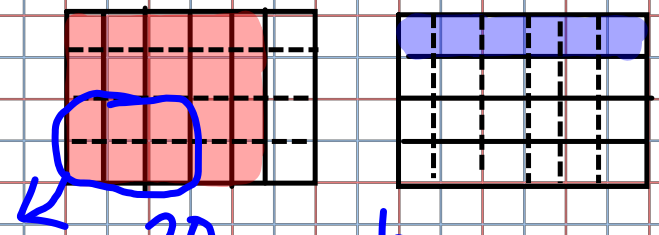
$= \frac{2}{10}$

c) $\frac{7}{8} - \frac{1}{2}$



$\frac{3}{8}$

d) $\frac{5}{6} - \frac{1}{4}$



$= \frac{14}{24}$

$\frac{20}{24} - \frac{6}{24}$

Test _____ on Adding & Subtracting Fractions

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#7

Must show work but you can use the common denominator method instead of models

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#8, #9, #10 ab, #11, #12 a

Do we need more or save for next day

Extra Practice 4 Worksheet

Attachments

Extra Practice 4Using Models to Subtract Fractions.pdf