Grade 7 Warm Up

1) 3500 x 20

70 000

2) (-8) – (+5)

add opp

(-8) + (-5)

(-13)

3) $6.93 + $5.98

6.93 + 6 = 12.93

- 2 cent

$ 12.91

4) 3.5 x 4

double half

7 x 2

14

5) 454 x 100

45400

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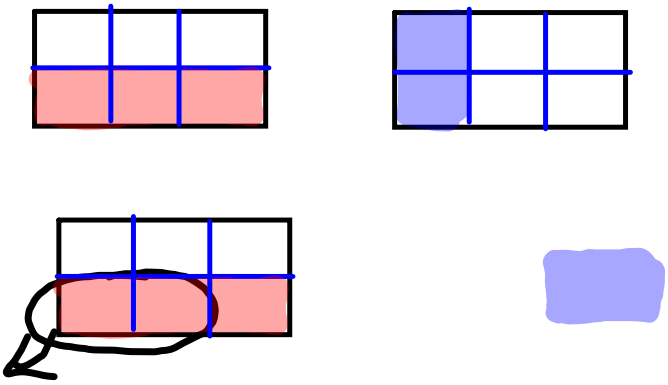
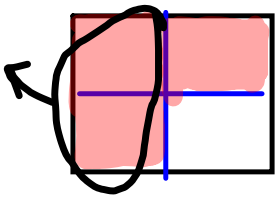
7. $\frac{1}{2} - \frac{1}{3}$

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



8. $\frac{3}{4} - \frac{1}{2}$

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



9. No $\frac{2}{3}$ is less than $\frac{3}{4}$

$\frac{3}{4} - \frac{2}{3}$

$\frac{9}{12} - \frac{8}{12} = \frac{1}{12}$ He need $\frac{1}{12}$ of a cup of choc. chips.

10 a) $\frac{2}{3} - \frac{\boxed{1}}{\boxed{3}} = \frac{1}{3}$

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

c) $\frac{\boxed{4}}{3} - \frac{2}{\boxed{4}} = \frac{1}{6}$

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

$\frac{8}{12} - \frac{6}{12} = \frac{2}{12}$

$\frac{4}{3} - \frac{2}{4} = \frac{2}{12}$

11. $\frac{3}{4} - \frac{1}{2}$

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

She only has $\frac{1}{8}$ of a tank left, so she used more than $\frac{1}{2}$ a tank.

b) $\frac{3}{4} - \frac{1}{8}$

$\frac{6}{8} - \frac{1}{8} = \frac{5}{8}$ of a tank use

$\frac{5}{8} - \frac{4}{8} = \frac{1}{8}$ She used $\frac{1}{8}$ more than $\frac{1}{2}$ a tank.

12. a) i) $\frac{5}{6} - \frac{2}{3}$

less than $\frac{1}{2}$ $(\frac{5}{6} - \frac{4}{6} = \frac{1}{6})$

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

less than $\frac{1}{2}$ since $1 - \frac{1}{2} = \frac{1}{2}$ and $\frac{5}{6}$ is less than 1.

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

more than $\frac{1}{2}$, $\frac{5}{6} - \frac{1}{6} = \frac{4}{6}$ which is greater than $\frac{1}{2}$.

Sarah drank $\frac{7}{10}$ of a glass of chocolate milk.

Hope drank $\frac{4}{5}$ of a glass.

a) Who drank more chocolate milk? Hope

b) How much more did she drink? Explain how you know.

Sarah $\frac{7}{10}$

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

Hope - Sarah

b) $\frac{8}{10} - \frac{7}{10} = \frac{1}{10}$ More

Subtracting Fractions RULES

- Find a common denominator
- Subtract the numerators (top)

Subtract.

- Find a common denominator
- Subtract the numerators (Top)

a) $\frac{4}{5} - \frac{1}{3}$

$\frac{12}{15} - \frac{5}{15}$

$= \frac{7}{15}$

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

$\frac{25}{20} - \frac{4}{20}$

$= \frac{21}{20}$

$= 1\frac{1}{20}$

Class/Homework

Don't estimate use rule for Common denominator

Test April 5 on Adding and subtracting fractions

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#1 ab
#2 abc
#3 ab
#4 abc
#5
#6 ab

1 to # 6 and