Grade 7 Warm Up

Date: Oct .22



Think $35 \times 2 = 70$



~ 7+6 13 add 7 & too much 2 & too much $= \$12.91$

1) 3500 x 20

70 000

2) 44 + 98 = 142

$$\begin{array}{r} 44 \\ +98 \\ \hline 142 \end{array}$$

3) \$6.93 + \$5.98

$$\begin{array}{r} \$6.93 \\ +5.98 \\ \hline \$12.91 \end{array}$$

4) 3.5 x 4

$3 \times 4 = 12$

$.5 \times 4 = 20$

14

5) 454 x 100

45400

62 x 10

= 620

7300

73 x 100

3.5 x 4

double ↓ half ↓

7 x 2

14

84 x 200

84 x 2 00

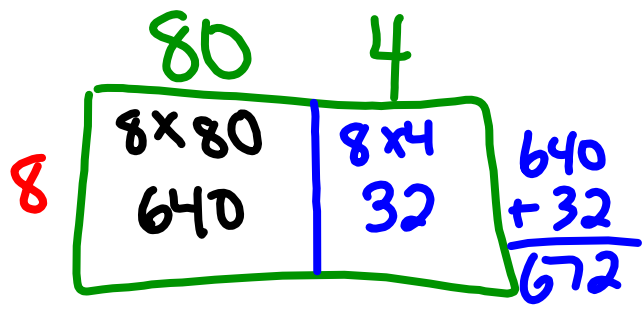
16 8 00

Ex) 84 x 8

$$\begin{array}{r} {}^{3}84 \\ \times \quad 8 \\ \hline 672 \end{array}$$

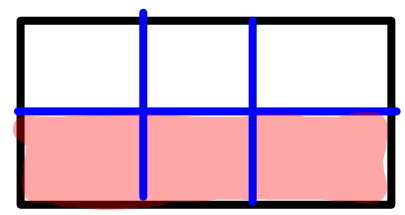
84 x 8

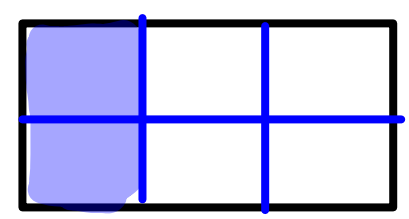
80 + 4



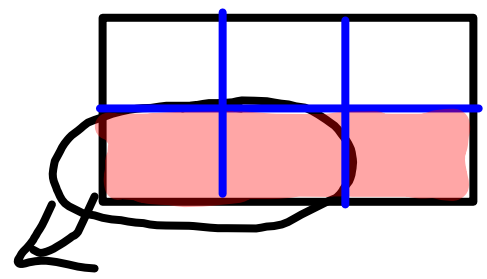
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7. $\frac{1}{2} - \frac{1}{3}$



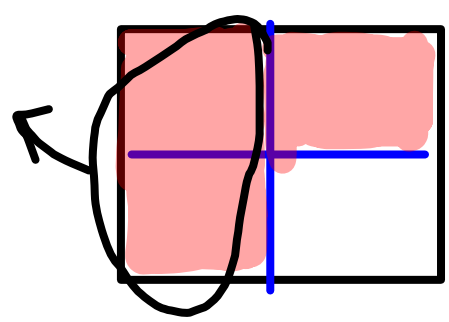


$\frac{3}{6} - \frac{2}{6} = \frac{1}{6}$





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

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

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

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

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

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?

$\frac{7}{10}$ $\quad$ $\frac{4 \times 2}{5 \times 2}$

Need C.D.

Hope → $\frac{7}{10}$ S $\quad$ $\frac{8}{10}$ H

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

$$\frac{8}{10} - \frac{7}{10} = \frac{1}{10}$$

Hope drank $\frac{1}{10}$ more.

Subtracting Fractions with Equivalent Fractions

- Find a common denominator

- Subtract the numerators

Subtract.

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

$\frac{4}{5} \times 3$, $\frac{1}{3} \times 5$

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

$$\frac{8}{15}$$

- Find a common denominator
- Subtract the numerators

Subtract.

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

- Find a common denominator
- Subtract the numerators

Class/Homework

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1, 2, 3, 4, 5, 6, 8

Use the rule for common denominators