

ADDING AND SUBTRACTING FRACTIONS

Name: _____ Class: _____ Due Date: _____

Family Member Signature: _____

Objective:

To use our mental math skills that add and subtract fractions that make partners to one whole.

Necessary Information:

Just like in earlier math years when we learned partners to 5, 10, 20 etcetera, we like to use our partners to one whole with fractions.

Eg. $2\frac{3}{7} + 3\frac{4}{7} = 6$ $(\frac{3}{7} + \frac{4}{7} = \frac{7}{7}$ OR 1 whole plus the 2 and 3 wholes)

Eg. $5 - 1\frac{4}{5} = 4 - \frac{4}{5}$ OR $1\frac{4}{5} + \underline{\quad} = 5$
 $= 3\frac{1}{5}$ $1\frac{4}{5} + \frac{1}{5} = 2$ so 2 and 3 more makes the 5

Practice Section:

1) $\frac{1}{3} + \frac{2}{3} =$

5) $2\frac{3}{5} + 1\frac{3}{5} =$

2) $1\frac{1}{4} + 6\frac{2}{4} =$

6) $3\frac{4}{9} - 1\frac{2}{9} =$

3) $5 - \frac{1}{10} =$

7) $\frac{1}{15} + 3\frac{1}{2} + 8\frac{14}{15} =$

4) $5 - 2\frac{2}{6} =$

8) $3\frac{7}{8} + \frac{3}{4} + 4\frac{1}{8} =$

9) $10 - 5\frac{1}{2}$

11) $3\frac{3}{4} + 1\frac{2}{4}$

10) $3 - \frac{3}{4}$

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

In Your Real World:

With a family member, fill in the blanks below.

a) $3 + \underline{\hspace{2cm}} = 7\frac{1}{4}$

b) $\frac{10}{9} = \frac{17}{9} - \underline{\hspace{2cm}}$

c) $\underline{\hspace{2cm}} - 1\frac{1}{5} = 3\frac{2}{5}$

d) $\underline{\hspace{2cm}} + \frac{1}{2} + 6\frac{1}{2} = 12\frac{1}{2}$

e) $10 = \underline{\hspace{1cm}}\frac{1}{6} + \underline{\hspace{1cm}}\frac{5}{6}$