Names (pair) _____ Date _____

Beyond One Whole: Practice and Check

PART 1 Pair game: Over one whole

1. Cut out the cards of one set and put them face down. Set A has halves, quarters and eighths; set B has halves, thirds, quarters, sixths and twelfths.
2. Draw two cards. Each player quickly says: is the sum less than 1, equal to 1 or greater than 1?
3. Work out the sum and check with discs. A correct estimate scores 1 point, a correct sum as a mixed number 1 more point.

A $\frac{1}{2}$ 	A $\frac{1}{2}$ 	A $\frac{3}{4}$ 	A $\frac{3}{4}$ 	A $\frac{1}{4}$ 	A $\frac{5}{8}$ 
A $\frac{7}{8}$ 	A $\frac{3}{8}$ 	A $\frac{5}{8}$ 	A $\frac{7}{8}$ 	A $\frac{1}{2}$ 	A $\frac{3}{4}$ 
B $\frac{2}{3}$ 	B $\frac{5}{6}$ 	B $\frac{3}{4}$ 	B $\frac{1}{2}$ 	B $\frac{7}{12}$ 	B $\frac{5}{12}$ 
B $\frac{1}{3}$ 	B $\frac{5}{6}$ 	B $\frac{11}{12}$ 	B $\frac{1}{6}$ 	B $\frac{2}{3}$ 	B $\frac{3}{4}$ 

	Cards	Estimate	Sum	Points
1.				
2.				
3.				
4.				
5.				
6.				

Name _____ Date _____

PART 2 Check

1 ON YOUR OWN Work it out. Write any answer greater than 1 as an improper fraction and as a mixed number.

a) $\frac{5}{6} + \frac{1}{2} = \frac{5}{6} + \frac{\square}{6} = \frac{\square}{6} = \square\ \frac{\square}{6}$

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

c) $\frac{2}{3} + \frac{3}{4} = \frac{\square}{12} + \frac{\square}{12} = \frac{\square}{12} = \square\ \frac{\square}{12}$

d) $1\frac{1}{4} - \frac{1}{2} = \frac{\square}{4} - \frac{\square}{4} = \frac{\square}{4}$

e) $\frac{11}{10} - \frac{3}{5} = \frac{11}{10} - \frac{\square}{10} = \frac{\square}{10}$

f) $\frac{9}{12} + \frac{5}{6} = \frac{9}{12} + \frac{\square}{12} = \frac{\square}{12} = \square\ \frac{\square}{12}$

g) $1\frac{1}{3} - \frac{3}{4} = \frac{\square}{12} - \frac{\square}{12} = \frac{\square}{12}$

h) $\frac{4}{5} + \frac{1}{2} = \frac{\square}{10} + \frac{\square}{10} = \frac{\square}{10} = \square\ \frac{\square}{10}$

How am I doing?

- ☐ I can calculate without discs and explain it to someone else.
- ☐ I can, but I need the discs to exchange or break pieces.
- ☐ I need more practice.