

## Factors and fractions WORKSHEET#6

1. ?

Choose two of the mixed numbers below and add them together. Do this 6 times. The mixed numbers can be used more than once, but not in the same pair.

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

$$3\frac{5}{7}$$

$$4\frac{7}{12}$$

$$9\frac{3}{8}$$

$$13\frac{11}{18}$$

$$3\frac{1}{3}$$

$$2\frac{5}{24}$$

$$6\frac{4}{15}$$

$$1\frac{9}{32}$$

$$1\frac{2}{9}$$

$$5\frac{3}{5}$$

$$2\frac{9}{10}$$

$$4\frac{3}{14}$$

$$1\frac{5}{6}$$

2. ?

Which combinations of mixed numbers in Question 1 did you find easiest to add. Explain why.

3. ?

Choose three of the mixed numbers below and add them together. Do this 5 times. The mixed numbers can be used more than once.

$$5\frac{2}{3}$$

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

$$2\frac{2}{13}$$

$$1\frac{1}{7}$$

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

$$1\frac{8}{15}$$

$$3\frac{11}{28}$$



2. It is easier to add two fractions whose denominators are not relatively prime numbers.

E.g.  $3\frac{1}{3}$  and  $1\frac{2}{9}$