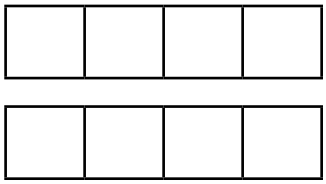
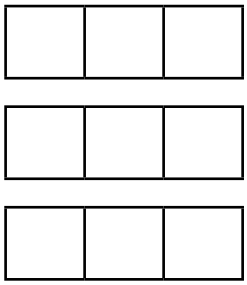
1) Colour the bar models to represent the fractions shown and then complete the statements converting the improper fractions into mixed numbers.

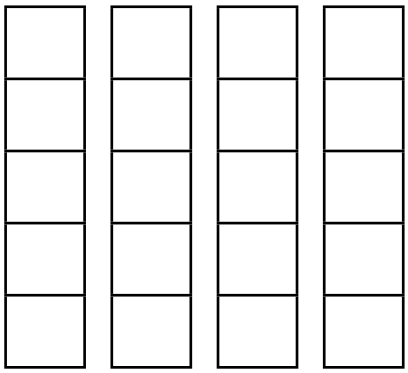
a) $\frac{5}{4}$ is equivalent to _____.



b) $\frac{8}{3}$ is equivalent to _____.



c) $\frac{16}{5}$ is equivalent to _____.



2) Now, convert these improper fractions into mixed numbers. Use drawings or cubes to help you, if needed.

a) $\frac{15}{6}$ = _____

b) $\frac{14}{4}$ = _____

c) $\frac{23}{5}$ = _____

d) $\frac{13}{4}$ = _____

1) Henri says,

$3\frac{3}{4}$ is greater than $\frac{17}{4}$ because it has 3 whole ones in it.

Explain why Henri is wrong.

2) Timmy has converted some mixed numbers to improper fractions. Can you spot the mistakes he has made? Explain Timmy's mistakes and then work out the correct answers.

a) $\frac{14}{6} = 1\frac{8}{6}$

b) $\frac{11}{3} = 4$

c) $\frac{17}{5} = 3\frac{3}{5}$

1) What could be the values of A and B? Find all possibilities.

$\frac{A}{3} = 2\frac{B}{3}$

2) What could be the values of A and B now? Find 3 possibilities.

$\frac{A}{3} = B\frac{1}{3}$

3) Franco has created improper fractions and equivalent mixed numbers using number tiles, but he has knocked some of the tiles and can't remember where to put them. Can you place the following numbers in the correct places to complete the mathematical statements? (Each tile can only be used once.)

1	2	3	4	5	6	13	28	18

a) $\frac{\square}{4} = \square\frac{\square}{4}$

b) $\frac{\square}{5} = \square\frac{\square}{5}$

c) $\frac{\square}{2} = \square\frac{\square}{2}$