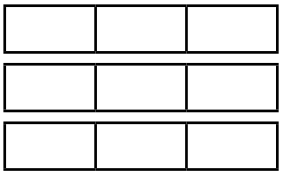
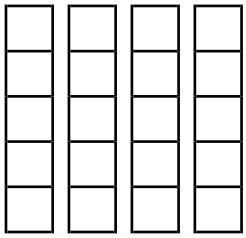
1) Copy and colour the bar models to represent the mixed number shown and then complete the statements converting the mixed numbers into improper fractions.

a) $1\frac{3}{4}$ is equivalent to $\frac{\square}{\square}$

b) $2\frac{1}{3}$ has the same value as $\frac{\square}{\square}$



c) $3\frac{2}{5}$ is equivalent to $\frac{\square}{\square}$



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

a) $2\frac{5}{6} =$

b) $4\frac{1}{4} =$

c) $5\frac{2}{5} =$

d) $6\frac{2}{3} =$

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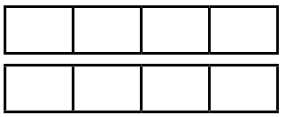

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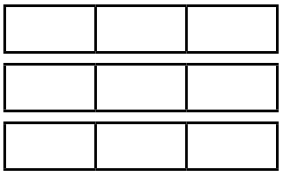

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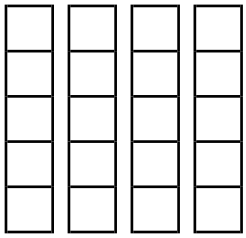

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1) Use <, > or = to make the statements true.

a) $3\frac{5}{6} \square \frac{22}{6}$

b) $2\frac{2}{3} \square \frac{8}{3}$

c) $4\frac{1}{5} \square \frac{23}{5}$

2) Give three possible improper fractions that could replace the ? to make this statement true.

$3\frac{2}{7} < ? < 4\frac{5}{7}$

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1) Ryan has these numbers:

9	3	15	10	4

a) He wants to use two cards to make an improper fraction that is as close to $4\frac{1}{3}$ as possible. What fraction should he make?

b) Ryan now wants to use two cards to make an improper fraction that is as close to 4 as possible. What should his fraction be?

2) B is double the value of A. What could the values of A B and C be? Find all possibilities.

$A\frac{B}{8} = \frac{C}{8}$

a) What could the values of A, B and C be? Find all the possibilities.

b) Explain how you know that you have found all the possible solutions?

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