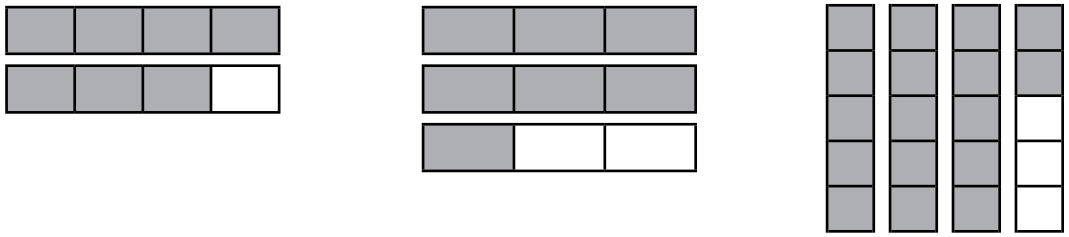
1) a) $\frac{7}{4}$ b) $\frac{7}{3}$ c) $\frac{17}{5}$



2) a) $2\frac{5}{6} = \frac{17}{6}$ b) $4\frac{1}{4} = \frac{17}{4}$ c) $5\frac{2}{5} = \frac{27}{5}$ d) $6\frac{2}{3} = \frac{20}{3}$

1) a) $3\frac{5}{6} > \frac{22}{6}$ b) $2\frac{2}{3} = \frac{8}{3}$ c) $4\frac{1}{5} < \frac{23}{5}$

2) $3\frac{2}{7} = \frac{23}{7}$ $4\frac{5}{7} = \frac{33}{7}$

$3\frac{2}{7}$ is equivalent to $\frac{23}{7}$ and $4\frac{5}{7}$ is equivalent to $\frac{33}{7}$. Any answer between $\frac{24}{7}$ and $\frac{32}{7}$ (inclusive) would make this statement true.

1) a) $4\frac{1}{3} = \frac{13}{3}$
Therefore, $\frac{15}{7}$ is the closest improper fraction to $4\frac{1}{3}$.

b) $4 = \frac{16}{4}$
Therefore, $\frac{15}{4}$ is the closest improper fraction to 4.

2)

A = 1	A = 2	A = 3
B = 2	B = 4	B = 6
C = 10	C = 20	C = 30
$1\frac{2}{8} = \frac{10}{8}$	$2\frac{4}{8} = \frac{20}{8}$	$3\frac{6}{8} = \frac{30}{8}$

All the possible solutions have been found because if A were 4, B would be 8 and $\frac{8}{8}$ has a value of one whole.