

In the mixed number  $2\frac{3}{8}$  if you want to make numerator larger then borrow 1 from the whole number 2 and add the denominator 8 to numerator 3 to get  $1\frac{11}{8}$

Another example;

$$8\frac{2}{3} = 7\frac{5}{3}$$

*Again, borrow one from the whole number 8 and add the denominator 3 to the numerator 2 to get new numerator 5, this turns the proper fraction part of a mixed number into an improper fraction without changing the value of the mixed number.*

### Note:

Keep in mind that for regrouping a mixed number ; whole number is reduced by 1 and denominator is added to the numerator to get the new numerator. Denominator at the bottom stays the same.

*Pick the right answer after regrouping the mixed number to change its proper fraction part into improper fraction ( or make the numerator larger)*

i)  $5\frac{3}{8} = \square \frac{\square}{\square}$

a.  $6\frac{11}{8}$

b.  $5\frac{3}{8}$

c.  $4\frac{11}{8}$

d.  $4\frac{8}{11}$

ii)  $2\frac{2}{3} = \square \frac{\square}{\square}$

a.  $1\frac{5}{3}$

b.  $1\frac{2}{3}$

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

d.  $3\frac{3}{5}$

iii)  $1\frac{5}{6} = \square \frac{\square}{\square}$

a.  $\frac{11}{8}$

b.  $\frac{11}{6}$

c.  $\frac{6}{11}$

d.  $\frac{5}{6}$

iv)  $3\frac{1}{4} = \square \frac{\square}{\square}$

a.  $3\frac{4}{5}$

b.  $4\frac{1}{4}$

c.  $2\frac{4}{5}$

d.  $2\frac{5}{4}$

Hints: i) c    ii) a    iii) b    iv) d