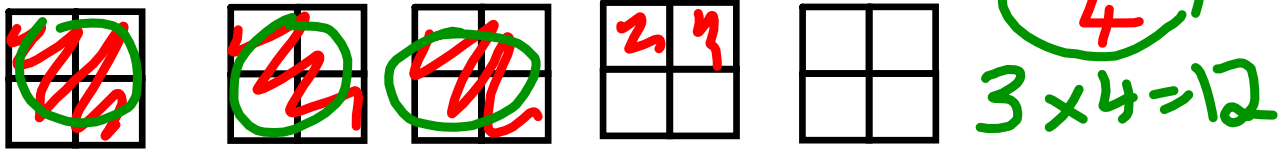
Maths Wednesday

Converting from mixed numbers to improper fractions

$3\frac{2}{4}$ $\frac{14}{4}$



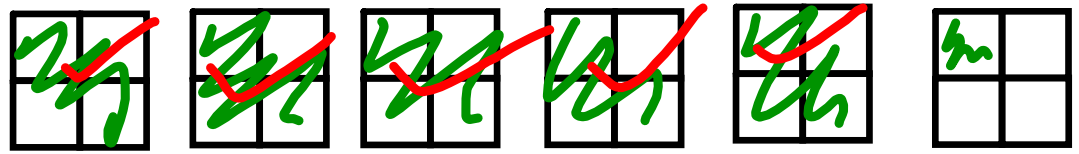
How many of the denominator are there? 3 lots of 4, plus the 2 in the numerator place.

Simple - Multiply the whole number by the denominator, add the numerator. Write as a fraction. (BIG x bottom, add to the top!)

Big times bottom, add the top.

Converting from mixed to improper

$5\frac{1}{4}$



$\frac{21}{4}$

Big times bottom, add the top.

$5 \times 4 = 20 = \frac{21}{4}$

$4\frac{3}{5}$ $20+3 = \frac{23}{5}$

Big times bottom, add the top.

$5\frac{4}{7}$ $5 \times 7 = 35+4$ $\frac{39}{7}$

Sheet on website

7 x 3 = 21 (BIG x bottom)

Add 1 (numerator) = 22

so = $\frac{22}{3}$

L.O.: I can convert from mixed numbers to improper fractions

(BIG x bottom, add to the top)

1) $7\frac{1}{3} =$ ___ 2) $7\frac{9}{10} =$ ___ 3) $7\frac{3}{4} =$ ___

4) $2\frac{1}{2} =$ ___ 5) $8\frac{4}{7} =$ ___ 6) $2\frac{3}{5} =$ ___

7) $3\frac{5}{8} =$ ___ 8) $6\frac{7}{9} =$ ___ 9) $9\frac{1}{8} =$ ___

10) $6\frac{2}{5} =$ ___ 11) $4\frac{1}{3} =$ ___ 12) $2\frac{2}{3} =$ ___

13) $8\frac{1}{2} =$ ___ 14) $4\frac{3}{10} =$ ___ 15) $8\frac{4}{5} =$ ___