**Equivalent/Simplifying Fractions**

Part 1 – Fill in the gaps to make equivalent fractions

$$a. \frac{1}{2} = \frac{ }{34} b. \frac{2}{3} = \frac{ }{39} c. \frac{3}{4} = \frac{ }{48} d. \frac{5}{6} = \frac{ }{54} e. \frac{3}{4} = \frac{ }{60}$$

$$f. \frac{3}{8} = \frac{ }{96} g. \frac{4}{9} = \frac{ }{126} h. \frac{4}{15} = \frac{ }{105} i. \frac{2}{5} = \frac{38}{ } j. \frac{5}{6} = \frac{40}{ }$$

$$k. \frac{2}{3} = \frac{52}{ } l. \frac{4}{5} = \frac{92}{ } m. \frac{2}{7} = \frac{42}{ } n. \frac{5}{7} = \frac{140}{ } o. \frac{5}{13} = \frac{115}{ }$$

Part 2 – Solve the clues and then simplify the fractions (you may have to research or ask other people about some)

$$a.\frac{hours in half a day}{hours in 3 days} = \frac{ }{ } = \frac{ }{ }$$

$$c.\frac{\begin{array}{c}one angle in an \\equilateral trangle\end{array}}{\begin{array}{c}total degrees \\in a triangle\end{array}} = \frac{ }{ } = \frac{ }{ }$$

$$e.\frac{film:\#\# days later}{the meaning of life} = \frac{ }{ } = \frac{ }{ }$$

$$g.\frac{\begin{array}{c} number of colours \\ in a traffic light\end{array}}{\begin{array}{c}legal drinking age\\ in the UK\end{array}} = \frac{ }{ } = \frac{ }{ }$$

$$i.\frac{the square root of 64}{two to the power seven} = \frac{ }{ } = \frac{ }{ }$$

$$k.\frac{1,1,2,3,5,8,13,?}{(2+5)²} = \frac{ }{ } = \frac{ }{ }$$

$$b.\frac{baker^{'}s dozen }{cards in a deck} = \frac{ }{ } = \frac{ }{ }$$

$$d.\frac{\begin{array}{c}sum of the individual\\digits in 243\end{array}}{\begin{array}{c}players in a normal\\rugby union team\end{array}} = \frac{ }{ } = \frac{ }{ }$$

$$f.\frac{members of 1 direction}{five cubed} = \frac{ }{ } = \frac{ }{ }$$

$$h.\frac{\begin{array}{c}degrees in a right \\angle\end{array}}{\begin{array}{c}sum of the angles in\\a pentagon\end{array}} = \frac{ }{ } = \frac{ }{ }$$

$$j.\frac{a=1, b=2, j= ?}{147-92} = \frac{ }{ } = \frac{ }{ }$$

$$l.\frac{5 x 10³}{years in a millenium} = \frac{ }{ } = \frac{ }{ }$$