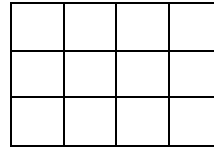




Fractions Investigation

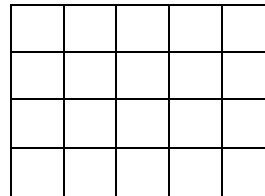
Need: Some squared paper and some felt tips

- Draw a 3 x 4 rectangle of 12 squares.



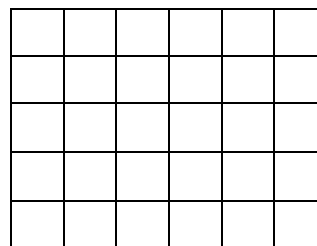
- Colour in $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{6}$ and $\frac{1}{12}$ of the rectangle.
- Use a different colour for each fraction.
- Colours must not overlap.
- What do you notice? (You have coloured the whole shape)

- Now draw a 4 x 5 rectangle.



- Colour it so that it is filled with different unitary fractions (a unitary fraction is a fraction with a numerator of 1. E.g. $\frac{1}{2}$, $\frac{1}{5}$ etc.)
- Write the fractions below the rectangle.

- Now try a 5 x 6 rectangle.



- Investigate other rectangles which you can divide and fill with different unitary fractions.