



4th November

$$\frac{1}{4} \times \frac{1}{4} \times \frac{3}{4}$$

$$\frac{3}{64}$$

$$40 - 3^3$$

$$27$$

$$13$$

Find the remainder when 1,520 is divided by 32.

$$\underline{\underline{16}}$$

$$32 \overline{) 1520} \begin{array}{l} 47 \text{ r } 16 \\ \underline{128} \\ 240 \\ \underline{224} \\ 16 \end{array}$$

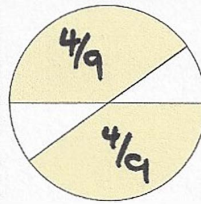
$$\begin{array}{r} 32 \\ 64 \\ 96 \\ 128 \\ 160 \\ 192 \\ 224 \end{array}$$

In this circle, each shaded part is  $\frac{4}{9}$  of the area of the circle.

The two white parts have the same area.

What fraction of the circle is **one** of the white areas?

$$\underline{\underline{\frac{1}{18}}}$$



$$4 \frac{1}{9} + 4 \frac{1}{9} = 8 \frac{2}{9}$$

leaving  $\frac{1}{9}$

$$\text{half of } \frac{1}{9} = \frac{1}{18}$$

Anthony and Elise have the same number of football cards.

Anthony has sorted his cards into piles of 10.

Elise has sorted her cards into piles of 18.

How many cards do they each have?

$$10, 20, 30, 40, 50, 60, 70, 80, 90$$

$$18, 36, 54, 72, 90$$

$$\underline{\underline{90}} \text{ (or a multiple of 90)}$$