

$$138 \div 4$$

$$\begin{array}{r}
 34 \text{ r}2 \\
 4 \overline{)138} \\
 \underline{-40} \quad (10) \times 4 \\
 98 \\
 \underline{-40} \quad (10) \times 4 \\
 58 \\
 \underline{-40} \quad (10) \times 4 \\
 18 \\
 \underline{-16} \quad (4) \times 4 \\
 2
 \end{array}$$

This is the same as asking how many 4s in 138?

I know that  $10 \times 4 = 40$ .

$$138 - 40 = 98$$

I know that  $10 \times 4 = 40$ .

$$98 - 40 = 58$$

I know that  $10 \times 4 = 40$ .

$$58 - 40 = 18$$

I know that  $4 \times 4 = 16$ .

$$18 - 16 = 2$$

10 sets of 4 add 10 sets of 4 add 10 sets of 4 add 4 sets of 4 equals 34 sets of 4 with 2 left over. This is the same as saying

$$138 \div 4 = 34 \text{ remainder } 2. (34\text{r}2)$$