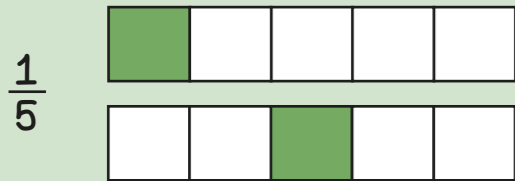
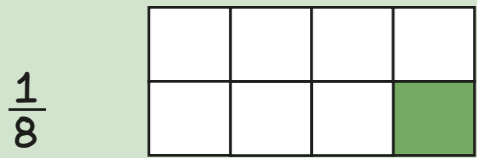


Unit fractions have a numerator of 1



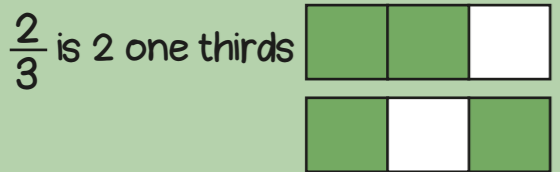
If the denominator is 5 there are 5 equal parts.



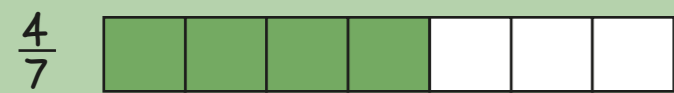
If the denominator is 8 there are 8 equal parts.



Non-unit fractions have a numerator greater than 1



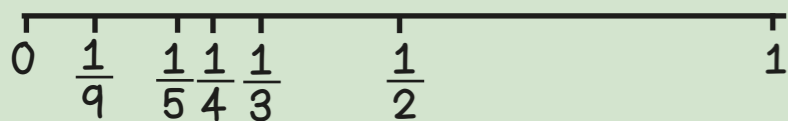
The numerator is 2 so two out of 3 equal parts are shaded.



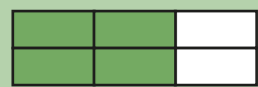
When the denominators are the same, the larger the numerator, the larger the fraction.



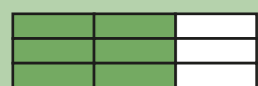
When numerators are the same, the larger the denominator the smaller the fraction.



$$\frac{2}{3} = \frac{4}{6} = \frac{6}{9}$$

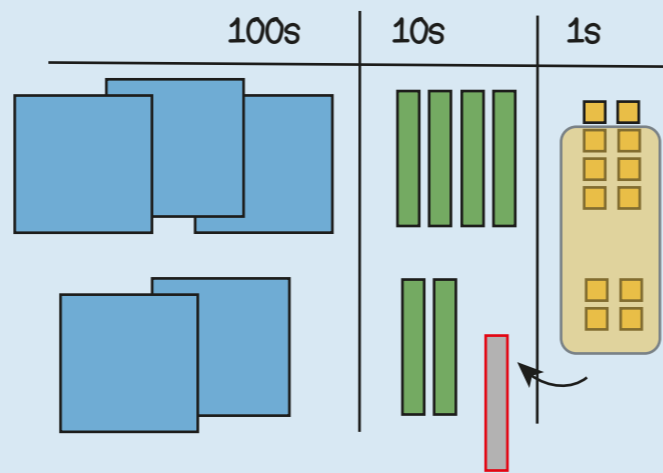


If there are 2 times as many equal parts, then there are 2 times as many shaded parts



If there are 3 times as many equal parts, then there are 3 times as many shaded parts

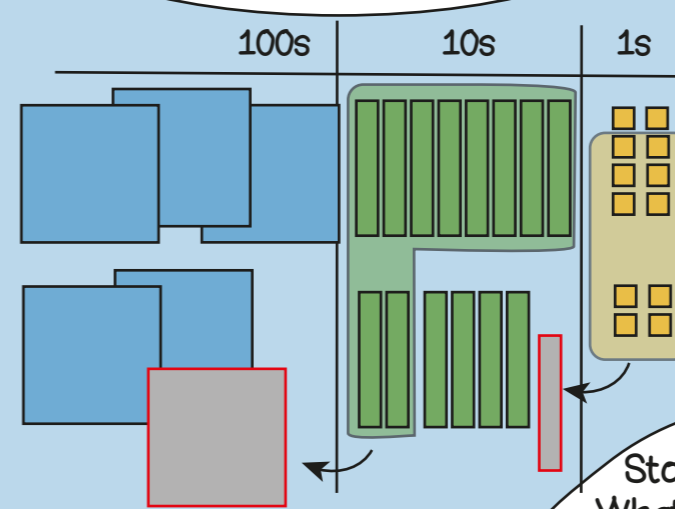
348 + 224
Regrouping the ones



$$\begin{array}{r} 348 \\ + 224 \\ \hline 572 \end{array}$$

Regroup the 12 ones into 1 ten and 2 ones

388 + 264
Regroup in multiple columns



$$\begin{array}{r} 388 \\ + 264 \\ \hline 652 \end{array}$$

Stop and Look!
What do you notice?
Where will we regroup or exchange?

76 + 388
Different numbers of digits

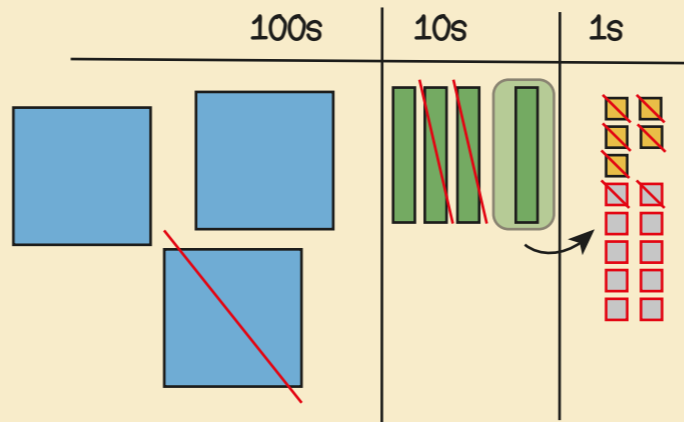
$$\begin{array}{r} 388 \\ + 76 \\ \hline 464 \end{array}$$

Line up the ones with the ones, the tens with the tens.

Year 3 Term 3

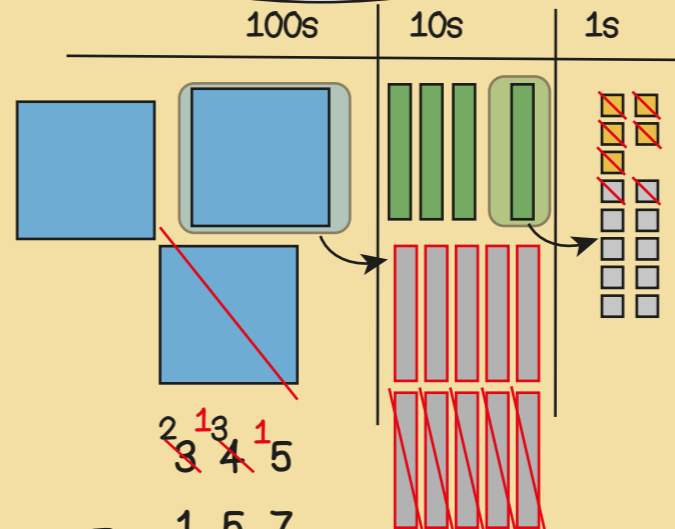


345 - 127
Exchanging tens



$$\begin{array}{r} 345 \\ - 127 \\ \hline 218 \end{array}$$

345 - 157
Exchanging in multiple columns



$$\begin{array}{r} 345 \\ - 157 \\ \hline 188 \end{array}$$

345 - 67
Different numbers of digits

$$\begin{array}{r} 345 \\ - 67 \\ \hline 278 \end{array}$$

Line up the ones with the ones, the tens with the tens.

388 + 199
348 + 140
348 + 51

In my head?
With jottings?
Formal written method?

348 - 199
348 - 140
348 - 23
308 - 297

