

# helpful tips



## Decimals into fractions

Simply put the number if it is a tenth over 10 or if it's a hundredth over 100

So 0.45 becomes  $\frac{45}{100}$

Next you must simplify to its smallest form

$\frac{45}{100}$  can both be divided by 5 so becomes

## Numbers with 1 decimal added together.

Use what you already know from RAPA CODA NUMBO to complete these. It's nothing new, the numbers after the decimal are just increasingly smaller parts of 1 whole unit.

$76.5 + 36.9 =$   
NUMBO to 100  
DA to 6  
RA - 1.4

## Fractions into percentages

If possible find an equivalent fraction with the denominator that's 100.

So  $\frac{7}{10}$  is the  $\frac{70}{100}$  and my percentage is 70%

I should remember that  $\frac{1}{4}$  is 25%  
 $\frac{1}{2}$  is 50%  
 $\frac{3}{4}$  is 75%

## Mixed number to improper fractions

3 and  $\frac{3}{4}$  is just the same as  $\frac{15}{4}$

Therefore I can convert  $\frac{15}{4}$  into 3 and  $\frac{3}{4}$

**Bamford Academy**



# Maths Passport Jupiter Station



Name \_\_\_\_\_

DOB \_\_\_\_\_

Class \_\_\_\_\_





# Jupiter Space Station

Moon Lift off targets to complete	Date Achieved	Date Achieved	Date Achieved
Add 2 numbers with a decimal place together quickly.			
Quickly find the simplest form of any fraction.			
Convert numbers to 2 decimal places into fractions.			
Convert fractions into percentages.			
To be able to switch between mixed numbers and improper fractions and vice versa.			