

# Y4- Fractions (including Decimals)

### equivalent fractions

$\frac{1}{2}$        $\frac{2}{4}$        $\frac{4}{8}$        $\frac{8}{16}$

### adding fractions with the same denominators

$$\frac{8}{12} + \frac{3}{12} = \frac{11}{12}$$

### Round to the nearest whole number

1.673

### counting in hundredths

$\frac{1}{100}$        $\frac{2}{100}$        $\frac{3}{100}$        $\frac{4}{100}$   
 0.01      0.02      0.03      0.04

### subtracting fractions with the same denominators

$$\frac{8}{12} - \frac{3}{12} = \frac{5}{12}$$

### comparing decimal numbers

H	T	O	t	h
		0	2	2
		0	4	2

<      >      =  
 less than    more than    equal to  
 $0.2 < 0.42$

### fractions of numbers

$\frac{3}{5}$  of 45

$45 \div 5 = 9$   
 $9 \times 3 = 27$   
 $\frac{3}{5}$  of 45 = 27

### dividing by 10, 100 and 1000

H	T	O	t	h
	4	2		
		4	2	
		0	4	2

### fraction and decimal equivalence

$\frac{1}{4} = \frac{25}{100} = 0.25$   
 $\frac{1}{2} = \frac{50}{100} = 0.5$   
 $\frac{3}{4} = \frac{75}{100} = 0.75$