











Ashfield Valley Primary School— Year 5 –Spring 1- Maths Knowledge Organiser

Learn these common conversions between fractions, decimals and percentages.

Fractions, Decimals and Percentages

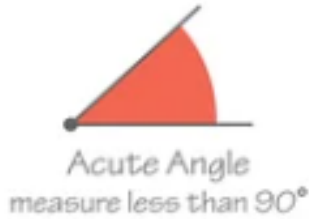
fraction → divide numerator by denominator → decimal → multiply by 100 → percentage

F	D	P
 $\frac{1}{1}$	1.0	100%
 $\frac{1}{2}$	0.5	50%
 $\frac{1}{3}$	0.33	33.3%
 $\frac{1}{4}$	0.25	25%
 $\frac{1}{5}$	0.2	20%
 $\frac{1}{8}$	0.125	12.5%
 $\frac{2}{3}$	0.66	66.6%
 $\frac{3}{4}$	0.75	75%
 $\frac{1}{10}$	0.1	10%
 $\frac{3}{8}$	0.375	37.5%

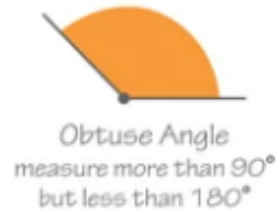
fraction ← convert to fraction ← decimal ← divide by 100 ← percentage

Geometry— types of angles

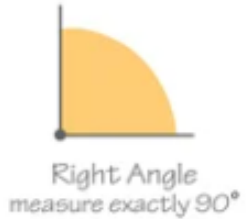
Acute



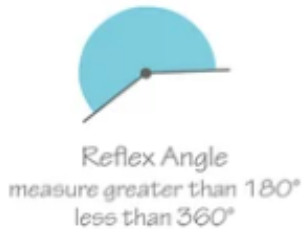
Obtuse



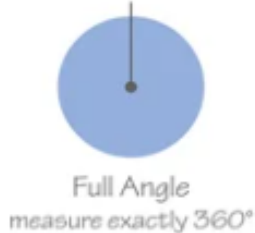
Right angle



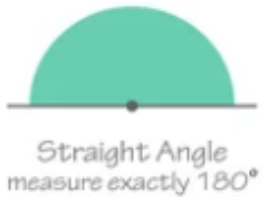
Reflex



Circle



Straight line



Roman numerals

I	1	XX	20
II	2	XXX	30
III	3	XL	40
IV	4	L	50
V	5	LX	60
VI	6	LXX	70
VII	7	LXXX	80
VIII	8	XC	90
IX	9	C	100
X	10	D	500
M		1000	

Roman numerals are a series of letters that Romans used as their number system. A letter placed AFTER a greater value adds. A letter placed BEFORE a greater value subtracts.