

KINGDOMS

YEAR FIVE MATHEMATICS KNOWLEDGE ORGANISER

Roman Numerals

ROMAN NUMERALS

Can you count by only using letters?

I	1	XXX	30
II	2	XL	40
III	3	L	50
IV	4	LX	60
V	5	LXX	70
VI	6	LXXX	80
VII	7	XC	90
VIII	8	C	100
IX	9	D	500
X	10	M	1000
XX	20	MD	1500

Roman Numerals are represented by seven different letters and are used to make thousands of numbers.

$$450 = \text{CDL}$$

$$2019 = \text{MMXIX}$$

$$2020 = \text{MMXX}$$

Place Value



b) 4 ones, 6 tenths, 0 hundredths and 2 thousandths

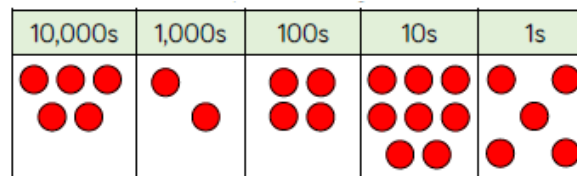
$$\text{c) } 3 \frac{34}{1000}$$

How many ways can a number be represented?

50000	2000	400	90	5
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$$= 52495$$

Fifty two thousand four hundred and ninety five.



Multiply and divide by 10, 100 & 1000

When we \times by 10, 100 or 1000 our number increases and gets **bigger**.

$$£32.45 \times 10 = £324.50$$

$$£32.45 \times 100 = £3245.00$$

$$£32.45 \times 1000 = £32450.00$$

The digits move to the left



When we \div by 10, 100 or 1000 our number decreases and gets **smaller**.

$$£32.45 \div 10 = £3.245$$

$$£32.45 \div 100 = £0.3245$$

$$£32.45 \div 1000 = £0.03245$$

The digits move to the right



Measurements

LENGTH

$$10 \text{ mm} = 1 \text{ cm}$$

$$100 \text{ cm} = 1 \text{ m}$$

$$1000 \text{ m} = 1 \text{ km}$$

$$1.6 \text{ km} = 1 \text{ mile} \quad 2.5 \text{ cm} = 1 \text{ inch}$$

MASS

$$1000 \text{ g} = 1 \text{ Kg}$$

$$1000 \text{ Kg} = 1 \text{ tonne}$$

$$16 \text{ oz} = 1 \text{ lb}$$

$$14 \text{ lbs} = 1 \text{ stone}$$

CAPACITY

$$1000 \text{ ml} = 1 \text{ l}$$

$$568 \text{ ml} = 1 \text{ pint} \quad 8 \text{ pints} = 1 \text{ gallon}$$

TIME

$$60 \text{ seconds} = 1 \text{ minute}$$

$$60 \text{ minutes} = 1 \text{ hour}$$

$$24 \text{ hours} = 1 \text{ day}$$

$$7 \text{ days} = 1 \text{ week}$$

$$2 \text{ weeks} = 1 \text{ fortnight}$$

$$52 \text{ weeks} = 1 \text{ year}$$

$$10 \text{ years} = 1 \text{ decade}$$

$$100 \text{ years} = 1 \text{ century}$$

$$1000 \text{ years} = 1 \text{ millennium}$$

KINGDOMS

YEAR 5 KNOWLEDGE ORGANISER



SMSC

belonging
 faith
 Islam
 mosque
 journey
 beliefs

What does it mean
 to be a Muslim in
 Britain today?

DT

HISTORY

The Anglo-Saxons

Settlement
 Invasion
 Kingdom
 Resistance
 Alfred the Great
 Laws
 Justice
 Edward the Confessor

The **Anglo-Saxons** settled in Great Britain from **AD410 to 1066**. They were a mix of tribes from Germany, Denmark and the Netherlands. The Anglo-Saxons came to Britain peacefully, to find land to farm. Many different **kingdoms** ruled Anglo-Saxon Britain.

SCIENCE

Force
Movement
Gravity
Air/Water Resistance
Surface Friction
Effect
Mass

PSHE

aspiration
 respect
 health and wellbeing
 targets

ART

line
 tone
 shade
 sketch
 pattern
 texture

GEOGRAPHY

co-ordinates
 grid reference
 settlement
 land use
 human and physical
 features
 natural resources
 Europe
 Scandinavia

SCIENCE

Anglo-Saxon Timeline

410 – The Romans leave England. 449 – The Jutes, Angles and Saxons arrive from Denmark and Germany 450- The Saxons from Germany settle in Kent. 556- Seven Kingdoms are created across Britain. 597 - St Augustine bring Christianity to Britain from Rome. 779 -Mercia becomes the Supreme Kingdom 871- Alfred becomes the Great king of Wessex and defends his kingdom from the Vikings