

Year 3 Maths Knowledge Organiser

Number Bonds to 100					
0	100		20	80	
5	95		25	75	
10	90		30	70	
15	85			65	

Telling the Time

It's ... o'clock

It's five **to**...

It's five **past**...

It's ten **to**...

It's ten **past**...

It's quarter **to**...

It's quarter **past**...

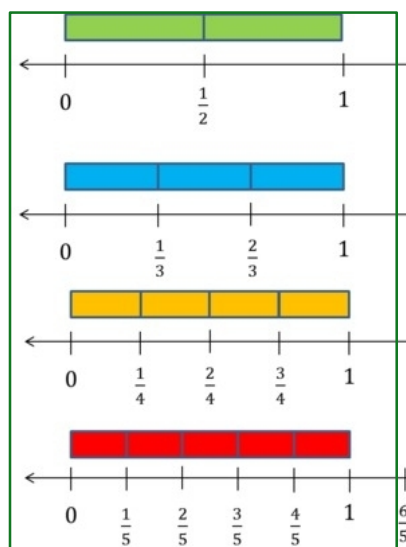
It's twenty **to**...

It's twenty **past**...

It's twenty-five **to**...

It's half **past**...

Multiplication and Division - Derived Facts
$3 \times 4 = 12$
$4 \times 3 = 12$
$12 = 3 \times 4$
$12 = 4 \times 3$
$12 \div 4 = 3$
$12 \div 3 = 4$
$4 = 12 \div 3$
$3 = 12 \div 4$



2D Shapes	
triangle	a three sided polygon
quadrilateral	a four sided polygon
pentagon	a five sided polygon
hexagon	a six sided polygon
heptagon	a seven sided polygon
octagon	an eight sided polygon
nonagon	a nine sided polygon
decagon	a ten sided polygon
hendecagon	an eleven sided polygon
dodecagon	a twelve sided polygon

Geometry

Vertical		Parallel	
Horizontal			
Perpendicular		Right Angle	
Quarter Turn		Three-quarter Turn	
Half Turn			
Perimeter			

Times tables: 3x, 4x, 6x 8x 9x

Number of Days in Each Month	
January	31
February	28*
March	31
April	30
May	31
June	30
July	31
August	31
September	30
October	31
November	30
December	31
*29 days every 4 years	

Measurements			
mm in a cm	10 mm = 1 cm	m in a km	1000m = 1km
mm in a m	1000 mm = 1 m	g in a kg	1000g = 1kg
cm in a m	100 cm = 1m	ml in a l	1000ml = 1l

3D Shapes

Prisms and Pyramids	triangular prism square prism rectangular prism pentagonal prism hexagonal prism octagonal prism triangular pyramid square pyramid rectangular pyramid pentagonal pyramid hexagonal pyramid octagonal pyramid
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