



# Year 1 Knowledge Mat



## Numerals and Number Vocabulary

0	zero	10	ten
1	one	20	twenty
2	two	30	thirty
3	three	40	forty
4	four	50	fifty
5	five	60	sixty
6	six	70	seventy
7	seven	80	eighty
8	eight	90	ninety
9	nine	100	one hundred

## One More One Less

The number is 2		
1 less	The same as	1 more

## Number Bonds to 10

0 1 2 3 4 5 10 5 6 7 8 9 10

$0 + 10 = 10$	$10 + 0 = 10$
$1 + 9 = 10$	$9 + 1 = 10$
$2 + 8 = 10$	$8 + 2 = 10$
$3 + 7 = 10$	$7 + 3 = 10$
$4 + 6 = 10$	$6 + 4 = 10$
$5 + 5 = 10$	$5 + 5 = 10$

## Doubling and Halving

Number	Double	Number	Half
0	0	0	0
1	2	2	1
2	4	4	2
3	6	6	3
4	8	8	4
5	10	10	5

## Number Bonds to 20

0 1 2 3 4 5 6 7 8 9 10 20 10 11 12 13 14 15 16 17 18 19 20

$0 + 20 = 20$	$10 + 10 = 20$
$1 + 19 = 20$	$11 + 9 = 20$
$2 + 18 = 20$	$12 + 8 = 20$
$3 + 17 = 20$	$13 + 7 = 20$
$4 + 16 = 20$	$14 + 6 = 20$
$5 + 15 = 20$	$15 + 5 = 20$
$6 + 14 = 20$	$16 + 4 = 20$
$7 + 13 = 20$	$17 + 3 = 20$
$8 + 12 = 20$	$18 + 2 = 20$
$9 + 11 = 20$	$19 + 1 = 20$

## Odd and Even

- Odd numbers end in 1, 3, 5, 7, 9
- Even numbers end in 2, 4, 6, 8, 0

## Comparing Numbers

$>$ Greater than	$<$ Less than	$=$ Equal to
$>$ Greater than		
$<$ Less than		
$=$ Equal to		

## Counting

- Count forwards and backwards from any number to and across 100
- Count in 2s 2, 4, 6, 8, 10, 12...
- Count in 5s 5, 10, 15, 20, 25, 30...
- Count in 10s 10, 20, 30, 40, 50 ...



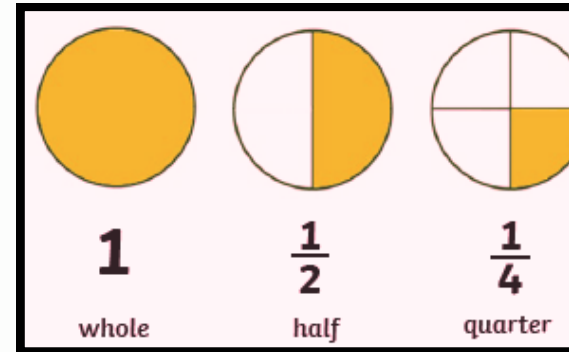
## Days of the Week

Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
Sunday

## Months of the Year

January	July
February	August
March	September
April	October
May	November
June	December

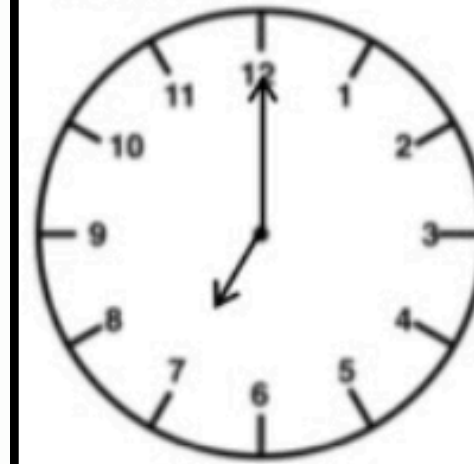
## Fractions



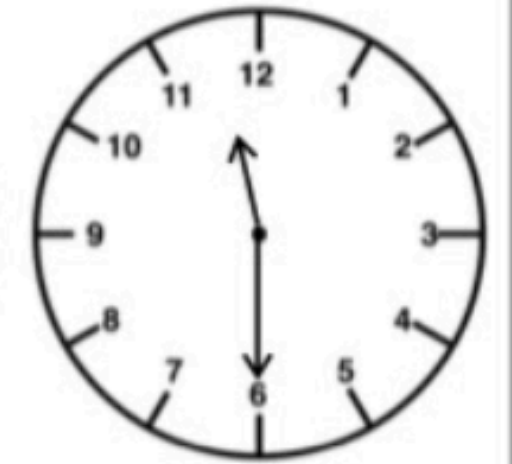
## Time

**O'Clock** is when the minute hand points to the 12 and the hour hand points at the hour.

**Half past** is when the minute hand points to the six and the hour hand points past the hour.



Seven o'clock



Half past eleven

## Measurement Language

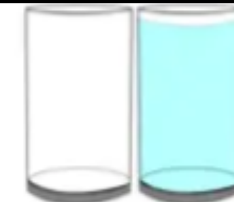
long / short  
longer / shorter  
tall / short  
double / half



heavy / light  
heavier than...  
lighter than...



full / empty  
more than...  
less than...  
half full / half empty



quicker / slower  
before / after  
first / next  
today / yesterday  
morning / afternoon / evening



## Directional Language

Whole turn	Half turn	Quarter turn	Three-quarter turn

There are **24 hours** in a day

There are **60 minutes** in an hour

There are **60 seconds** in a minute

**A.M.** means in the morning

**P.M.** means in the afternoon