

**Reading the zero** Use “love / nil / oh / naught / zero” to write down how the zero **can** be pronounced.

**Football/soccer** Arsenal 3 : 0 Chelsea. Arsenal (to win) .....

**Tennis** Federer 30 : 0 Nadal. Feder (to lead) .....

**Phone numbers** Her phone is ..... (06 40 50 30 20)

**Decimals** That is an increase of (0.3%) .....

Tom hardy is among the actors rumored to play agent (007) .....

**Reading dates** UK and US styles

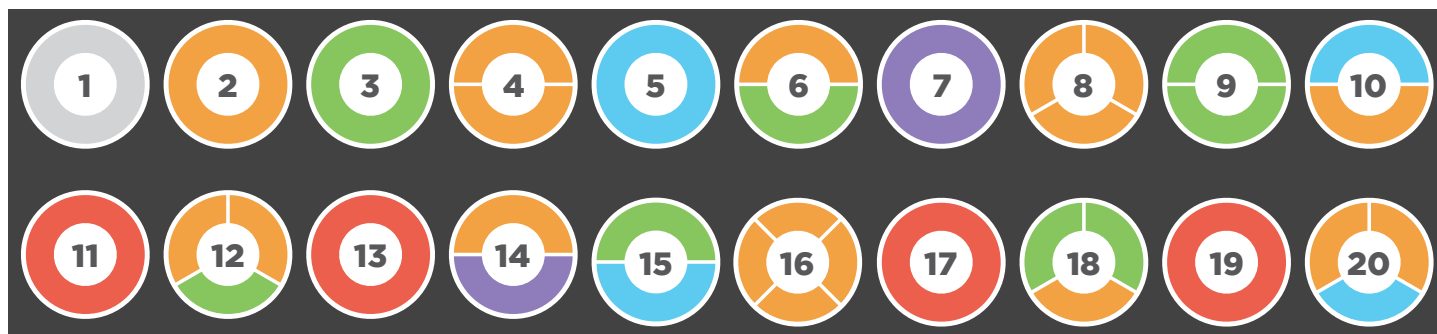
US			UK		
Oct 5th, 2021			1st Oct 2021		
“october (the) fifth 2021”			“(the) fifth (of) october 2021”		
10/5/2021			5/10/2021		
day appears usually after the month,			day appears usually before the month		
year is seperated by a comma					
premier	the first	le troisième	the third	30 ème	the thirtieth
deuxième	the second	le quatrième	the fourth	31 ème	the thirty-first

**Spelling** the alphabet and special characters.

a	b	c	d	e	f	g	h	i	point for numbers full stop(UK)/period(US)	.
a	bee	cee	dee	ee	eff	gee	aitch	iy		
j	k	l	m	n	o	p	q	r	dot for emails and urls	
jay	kay	el	em	en	o	pee	cue	ar		
s	t	u	v	w	x	y	z		slash hyphen and dash(longer)	/
ess	tee	you	vee	double you	ex	why	UK: zed, US: zee			
									underscore	—
									at	@

**Exercise 8** — 🗣️💡 **Work in pairs.** One of you will read a line and your partner will write the information down. Don't show your paper. Spell when necessary. Then change roles.

Student B (reader)	Student B (writer)
123;      6,087;      0.15	
pick a three-digit even number	
22/08/1927      28/02/2015      your birthday	
€23.12    £13.25    \$145.90    60c	
www.lyricstraining.com	
emmy.noether@dn1-math.de	
813 Howard Street, Oswego NY 13126, USA	



Look closely at the above image. Can you explain the color codes around each number?

**Exercise 9** Complete.

2 and 7 are ..... of 14.

2, 4, 6, 8 are ..... numbers. 1, 3, 15, 33 are ..... numbers

1, 4, 9 and 16 are ..... 27 is the cube of ..... 2, 3, 5 and 7 are ..... less than 10.

The prime numbers between 30 and 40 are .....

A number between 10 and 100 is prime if .....

**Rule** A whole number  $n$  is prime if it has no prime factor less or equal than  $\sqrt{n}$ .

**Exercise 10** Check whether  $n = 167$  is prime or not.

The square root of 167 is .....

Prime numbers lesser than  $\sqrt{n}$  are .....

Let us watch how Dr James Grime finds left-truncatable primes. [https://youtu.be/azL5ehbw\\_24](https://youtu.be/azL5ehbw_24)

A **left-truncatable prime** remains prime if the leading (“left”) digit is successively removed.

**Exercise 11** Note the meaning of the word *prime* in non mathematical context :

Unemployment should be our prime concern. ....

You are in the prime of life .....

**Exercise 12**

1) Circle left-truncatable primes: 11    17    23    27    37    57    97    167.

2) Two-digit numbers that end with 1 are not left-truncatable primes because .....

3) Three-digit numbers that end with 9 are not left-truncatable primes because .....

4) 367 is left-truncatable prime because .....

5) (71 /    / 75    / 79    / 79) are right-truncatable primes.

**Exercise 13** Can you find 3-digits left-truncatable primes ending with 3? .....