Reading the zero Use "love / nil / oh / naught / zero" to write down how the zero **can** be pronouced.

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, year is seperated by a comma	day appears usually before the month

premier	the first	le troisième	the third	30 ème	the thirtieth
deuxième	the second	le quatrième	the fourth	31 ème	the thirty-first

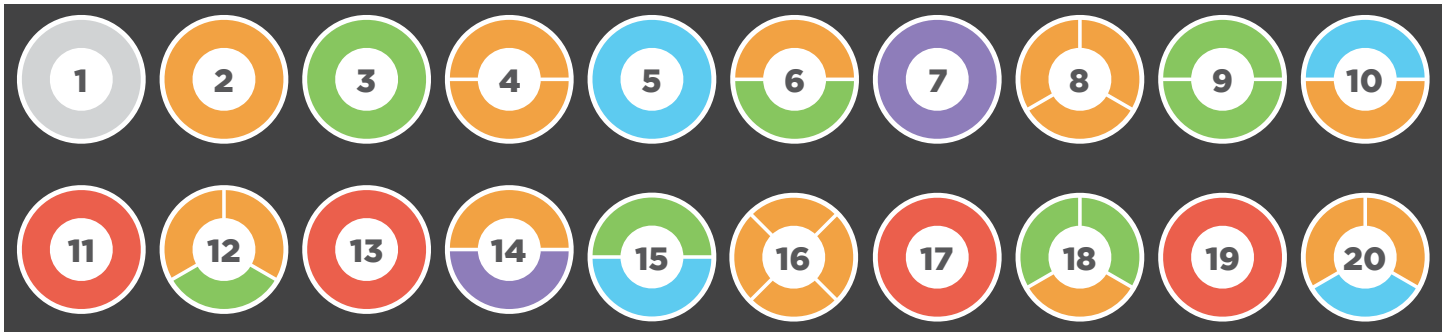
Spelling the alphabet and special characters.

a	b	c	d	e	f	g	h	i
a	bee	cee	dee	ee	eff	gee	aitch	iye
j	k	l	m	n	o	p	q	r
jay	kay	el	em	en	o	pee	cue	ar
s	t	u	v	w	x	y	z	
ess	tee	you	vee	double you	ex	why	UK: zed, US: zee	

point for numbers **full stop**(UK)/**period**(US) **dot** for emails and urls	·
slash	/
hyphen and **dash**(longer)	–
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 60¢	
www.lyricstraining.com	
emmy.noether@dnl-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

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 :

Unemployement should be our prime concern. .....

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

Exercise 12 — https://isthisprime.com/game/.

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? .....