

Ages 11-16

Number Hunt



Number Hunt involves both pupils and teachers and can be easily adapted for all key stages. The whole school can have fun while developing and practising the recognition of different types of numbers and raising money for the NSPCC.

How to raise money

Pupils are sponsored for every question they get right, or parents and carers can make a donation.

What you need

- ♦ the support of your colleagues who will need to wear a number, clearly displayed, all day
- ♦ number labels
- ♦ question sheets
- ♦ answer sheet
- ♦ small prize for winning team in each class (optional).

How to play:

- ♦ Give participating staff their number labels that they should wear, clearly visible during the day.
- ♦ Divide the class into pairs or groups of four, and give a question sheet to each group.
- ♦ Set a time limit (optional) but make sure the pupils have the opportunity to see teachers wearing the labels during this time.
- ♦ Pupils find the answers to each question by working out the answer and then finding the relevant number teacher/s.

Tag us online:

#numberday

NSPCC

Number Hunt

QUESTIONS



Name:

Form:

If you do not know the name of a member of staff – then write down the letter on their label.

1. Write down the names of as many **square** staff as you can spot!

.....
.....
.....

7. Which members of staff are **imaginary**?

.....
.....

2. Which members of staff are in their **prime**?

.....
.....

8. Which three members of staff have a **mean value** of 8 between them?

.....
.....

3. Which two members of staff are **perfect**?

.....
.....

9. Which members of **staff are smaller than 1cm**? (Be careful not to tread on them!).

.....
.....

4. Which members of staff are **irrational**?

.....
.....

10. Who can you not **divide** by?

.....
.....

5. Which members of staff are **obtuse**?

.....
.....

11. Which members of staff is **negative**?

.....
.....

6. Which members of staff are wearing **asymptotes**?

.....
.....

12. Which member of staff is **circular**?

.....
.....

Please return by to

Number Hunt

ANSWERS



QUESTION NO.									
1	D	E	F	A	49	1	64	400	square
2	H	J	K	U	2	11	67	5	prime
3	C	G			6	28			perfect
4	L	M	N	Z	$\sqrt{2}$	$\sqrt{5}$	π	e	irrational
5	O	P			91°	176°			obtuse
6	Q	R			$y=1/x$	$y=e^x$			asymptotes
7	S	T			i	4i			imaginary
8	U	V	W		5	22	-3		mean of 8
9	I	X	Y		7mm	0.003m	0.2 inches		less than 1cm
10	B				0				not divide by
11	W						-3		negative
12	N				π				circular

QUESTION NO.		
A	400	A
B	0	B
C	6	C
D	49	D
E	1	E
F	64	F
G	28	G
H	2	H
I	7mm	I
J	11	J
K	67	K
L	$\sqrt{2}$	L
M	$\sqrt{5}$	M
N	π	N
O	91°	O
P	176°	P
Q	$y=1/x$ graph	Q
R	$y=e^x$ graph	R
S	i	S
T	4i	T
U	5	U
V	22	V
W	-3	W
X	0.003m	X
Y	0.2 inches	Y
Z	e	Z