

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 the 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.

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!

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

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

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

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

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

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

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

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

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

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

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

Please return by _____

to _____

Thank you from the NSPCC

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	R
R	$y=e^x$ graph	R
S	i	S
T	4i	T
U	5	U
V	22	V
W	-3	W
X	0.003 m	X
Y	0.2 inches	Y
Z	e	Z