

# CANCELLATION

## Worksheet



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## INTRODUCTION

### Note for the administrator

#### Principle of the task

In Cancellation, each task consists of crossing out a predefined symbol, number or a letter. For example, a client is presented with a page containing letters - instruction says to cross out all the letters A from a series of different letters. The seemingly simple task engages many cognitive processes essential for life. These include: visual scanning (exploring rows of letters and orienting oneself in them); sustained and selective attention (focusing on the task and being able to select the letter A); working memory (keeping the task in mind); set shifting (the unconscious ability to shift attention); and inhibition (the ability to focus only on the letter A and not getting confused by other letters).

#### Reasons for practice

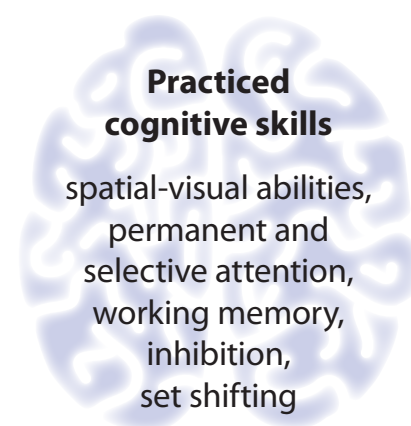
These tasks are used to assess visuo-spatial abilities and attention. Without these abilities, one would not be able to orient oneself in a room full of people (visual scan), concentrate on a job at hand without being distracted by sounds, smells, people (concentration, attention, inhibition). The neurodevelopmental disorder ADHD (Attention Deficit and Hyperactivity Disorder) manifests itself precisely by difficulties with the aforementioned functions. Also, hemineglect, in which the afflicted person is unable to process or be aware of stimuli on one side of the body or environment, is a sensory disorder that significantly affects life - for example, a person will only eat food on the right side of the plate while the left side remains untouched. It is the Cancellation task that is useful in diagnosing the disorder.

### Education for the client

All the cognitive abilities that are used in Cancellation are present in any everyday activity. Be it orientation in space, concentration or the ability to keep in mind what one is doing. The presented tasks help with attention training, improve orientation in the tasks, but also generally in the surrounding environment. In the course of life, these skills become more difficult for us to perform due to the aging process of the brain, so it is useful to train and strengthen them with various tasks such as Cancellation.

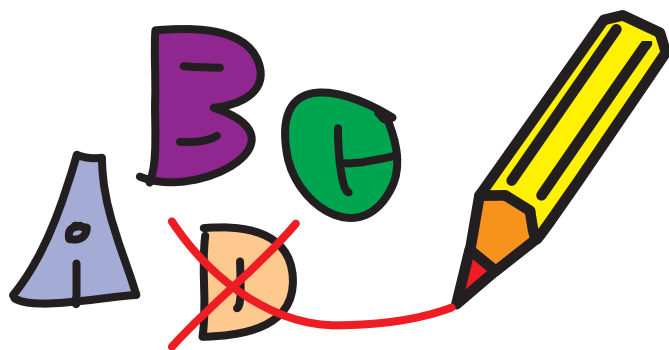
#### Equipment

- Stationery
- Client Worksheet
- Administrator Worksheet



# CANCELLATION TASKS

~~B~~ R ~~B~~ T W ~~B~~ P V ~~B~~ N



## 1) Task

Cross out all the letters "A"

A	G	I	E	G	F	A	H	D
E	H	C	G	I	C	B	C	G
F	D	A	A	D	A	G	A	B
C	A	E	H	C	E	A	D	C
H	A	B	D	A	A	D	G	I
D	I	F	C	F	I	H	E	F
G	B	D	A	A	G	I	B	G
B	C	G	B	A	D	C	A	H
I	E	A	A	E	B	F	H	E
C	A	C	F	H	A	G	I	A
A	F	H	I	B	H	E	F	A

## 2) Task

Cross out all the letters "H"

N	L	R	P	L	G	N	O	C
M	O	H	M	R	H	M	M	H
G	C	N	N	C	N	H	N	M
H	N	P	O	H	P	N	C	H
O	H	M	C	N	M	C	L	M
C	R	M	H	G	R	O	H	G
L	M	C	N	H	L	R	M	L
M	H	L	M	N	P	H	N	O
R	P	N	H	P	M	G	O	P
H	N	H	G	O	N	L	R	N
N	M	O	R	M	H	P	G	N

### 3) Task

Cross out all the numbers "8"

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

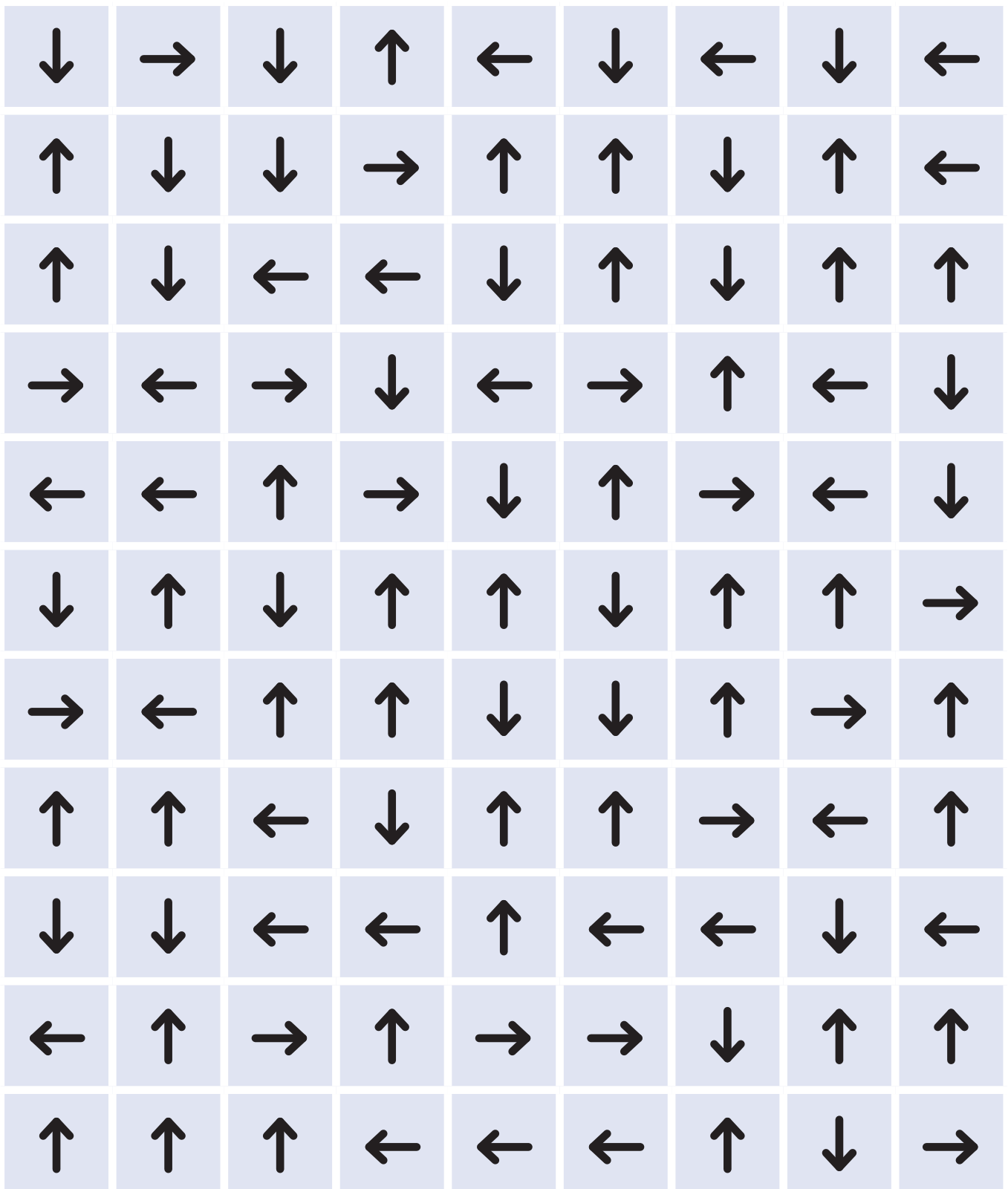
#### 4) Task

Cross out all the numbers "3" and "7"

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

## 5) Task

Cross out all arrows 





## 6) Task

Cross out the letter "D", but only if it is preceded by the number "3"

B	4	4	D	2	3	1	4	2
3	D	3	5	D	S	4	D	1
4	S	2	2	3	D	3	Y	Y
2	5	3	B	1	5	S	1	3
2	2	B	S	3	D	B	2	4
Y	3	S	3	D	D	2	Y	B
1	B	D	5	4	4	3	D	S
Y	1	3	D	Y	Y	5	2	S
3	D	2	2	S	1	2	3	2
D	2	D	5	B	B	3	D	3
S	D	Y	3	D	2	1	D	5

## 7) Task

Cross out the letter "C", but only if followed by the number "6"

B	4	4	6	2	C	1	4	2
C	6	C	5	6	S	4	6	1
4	C	6	2	5	4	C	Y	Y
2	5	C	B	1	5	C	6	C
2	2	B	S	5	1	B	2	4
Y	C	S	1	B	6	2	C	6
C	6	6	6	Y	4	S	2	S
Y	1	S	1	Y	2	S	C	6
Y	B	2	Y	C	6	2	C	2
6	2	6	C	6	B	2	S	C
S	C	6	5	B	2	1	6	5

## 8) Task

Check off the boxes where the first character is a letter

<b>2D</b>	<b>R5</b>	<b>F4</b>	<b>7P</b>	<b>C9</b>	<b>1H</b>
<b>6N</b>	<b>I3</b>	<b>K8</b>	<b>5P</b>	<b>4J</b>	<b>L6</b>
<b>3X</b>	<b>T7</b>	<b>M2</b>	<b>9E</b>	<b>1N</b>	<b>G5</b>
<b>9J</b>	<b>A4</b>	<b>6C</b>	<b>R1</b>	<b>2Y</b>	<b>3T</b>
<b>3K</b>	<b>Z1</b>	<b>S5</b>	<b>8H</b>	<b>L6</b>	<b>U9</b>
<b>7W</b>	<b>5F</b>	<b>3P</b>	<b>2G</b>	<b>B9</b>	<b>Q4</b>



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