Digit Span

Start
Ages 16–90:
Forwards: Item 1
Backwards: Sample Item,
then Item 1
Sequencing: Sample Item,
then Item 1

Discontinue
Forwards: After scores of **0** on *both trials*
of an item
Backwards: After scores of **0** on *both trials*
of an item
Sequencing: After scores of **0** on *both trials*
of an item

Score
Score **0** or **1** point for each trial.
DSF, DSB, and DSS
Total raw score for Forwards, Backwards, and Sequencing, respectively
LDSF, LDSB, and LDSS
Number of digits recalled on last trial scored 1 point on Forwards,
Backwards, and Sequencing, respectively

Forwards

Item	Trial	Response	Trial Score		Item Score		
16–90 1.	9 – 7		0	1			
	6 – 3		0	1	0	1	2
2.	5 – 8 – 2		0	1			
	6 – 9 – 4		0	1	0	1	2
3.	7 – 2 – 8 – 6		0	1			
	6 – 4 – 3 – 9		0	1	0	1	2
4.	4 – 2 – 7 – 3 – 1		0	1			
	7 – 5 – 8 – 3 – 6		0	1	0	1	2
5.	3 – 9 – 2 – 4 – 8 – 7		0	1			
	6 – 1 – 9 – 4 – 7 – 3		0	1	0	1	2
6.	4 – 1 – 7 – 9 – 3 – 8 – 6		0	1			
	6 – 9 – 1 – 7 – 4 – 2 – 8		0	1	0	1	2
7.	3 – 8 – 2 – 9 – 6 – 1 – 7 – 4		0	1			
	5 – 8 – 1 – 3 – 2 – 6 – 4 – 7		0	1	0	1	2
8.	2 – 7 – 5 – 8 – 6 – 3 – 1 – 9 – 4		0	1			
	7 – 1 – 3 – 9 – 4 – 2 – 5 – 6 – 8		0	1	0	1	2

LDSF
(Max = 9)

**Digit Span Forwards (DSF)
Total Raw Score**
(Maximum = 16)

Backwards

Item	Trial	Correct Response	Response	Trial Score		Item Score		
16–90 S.	7 – 1	1 – 7						
	3 – 4	4 – 3						
16–90 1.	3 – 1	1 – 3		0	1			
	2 – 4	4 – 2		0	1	0	1	2
2.	4 – 6	6 – 4		0	1			
	5 – 7	7 – 5		0	1	0	1	2
3.	6 – 2 – 9	9 – 2 – 6		0	1			
	4 – 7 – 5	5 – 7 – 4		0	1	0	1	2
4.	8 – 2 – 7 – 9	9 – 7 – 2 – 8		0	1			
	4 – 9 – 6 – 8	8 – 6 – 9 – 4		0	1	0	1	2
5.	6 – 5 – 8 – 4 – 3	3 – 4 – 8 – 5 – 6		0	1			
	1 – 5 – 4 – 8 – 6	6 – 8 – 4 – 5 – 1		0	1	0	1	2
6.	5 – 3 – 7 – 4 – 1 – 8	8 – 1 – 4 – 7 – 3 – 5		0	1			
	7 – 2 – 4 – 8 – 5 – 6	6 – 5 – 8 – 4 – 2 – 7		0	1	0	1	2
7.	8 – 1 – 4 – 9 – 3 – 6 – 2	2 – 6 – 3 – 9 – 4 – 1 – 8		0	1			
	4 – 7 – 3 – 9 – 6 – 2 – 8	8 – 2 – 6 – 9 – 3 – 7 – 4		0	1	0	1	2
8.	9 – 4 – 3 – 7 – 6 – 2 – 1 – 8	8 – 1 – 2 – 6 – 7 – 3 – 4 – 9		0	1			
	7 – 2 – 8 – 1 – 5 – 6 – 4 – 3	3 – 4 – 6 – 5 – 1 – 8 – 2 – 7		0	1	0	1	2

LDSB
(Max = 8)

**Digit Span Backwards (DSB)
Total Raw Score**
(Maximum = 16)

3. Digit Span (continued)
Sequencing

	Item	Trial	Correct Response	Response	Trial Score	Item Score
16–90	S.	2 – 3 – 1	1 – 2 – 3			
		5 – 2 – 2	2 – 2 – 5 ʃ			
16–90	1.	1 – 2	1 – 2		0 1	0 1 2
		4 – 2	2 – 4		0 1	
	2.	3 – 1 – 6	1 – 3 – 6		0 1	0 1 2
		0 – 9 – 4	0 – 4 – 9		0 1	
	3.	8 – 7 – 9 – 2	2 – 7 – 8 – 9		0 1	0 1 2
		4 – 8 – 7 – 1	1 – 4 – 7 – 8		0 1	
	4.	2 – 6 – 9 – 1 – 7	1 – 2 – 6 – 7 – 9		0 1	0 1 2
		3 – 8 – 3 – 5 – 8	3 – 3 – 5 – 8 – 8		0 1	
	5.	2 – 1 – 7 – 4 – 3 – 6	1 – 2 – 3 – 4 – 6 – 7		0 1	0 1 2
		6 – 2 – 5 – 2 – 3 – 4	2 – 2 – 3 – 4 – 5 – 6		0 1	
	6.	7 – 5 – 7 – 6 – 8 – 6 – 2	2 – 5 – 6 – 6 – 7 – 7 – 8		0 1	0 1 2
		4 – 8 – 2 – 5 – 4 – 3 – 5	2 – 3 – 4 – 4 – 5 – 5 – 8		0 1	
	7.	5 – 8 – 7 – 2 – 7 – 5 – 4 – 5	2 – 4 – 5 – 5 – 5 – 7 – 7 – 8		0 1	0 1 2
		9 – 4 – 9 – 7 – 3 – 0 – 8 – 4	0 – 3 – 4 – 4 – 7 – 8 – 9 – 9		0 1	
	8.	5 – 0 – 1 – 1 – 3 – 2 – 1 – 0 – 5	0 – 0 – 1 – 1 – 1 – 2 – 3 – 5 – 5		0 1	0 1 2
		2 – 7 – 1 – 4 – 8 – 4 – 2 – 9 – 6	1 – 2 – 2 – 4 – 4 – 6 – 7 – 8 – 9		0 1	

LDSS
(Max = 9)

Digit Span Sequencing (DSS)
Total Raw Score
(Maximum = 16)

Digit Span Total Raw Score
(Maximum = 48)

4. Matrix Reasoning

Start
Ages 16–90:
Sample Items A & B,
then Item 4

Reverse
Score of 0 on *either* Item 4 or Item 5, administer preceding items in
reverse order until two consecutive perfect scores are obtained.

Discontinue
After 3 consecutive
scores of 0

Score
Score 0 or 1 point.
Correct responses are in colour.

	Item	Response					Score	
16–90	SA.	1	2	3	4	**5**		
	SB.	1	2	3	**4**	5		
	1.	1	2	**3**	4	5	0	1
	2.	1	**2**	3	4	5	0	1
	3.	**1**	2	3	4	5	0	1
16–90	4.	1	2	3	4	**5**	0	1
	5.	1	2	**3**	4	5	0	1
	6.	1	2	3	**4**	5	0	1
	7.	1	2	3	**4**	5	0	1
	8.	**1**	2	3	4	5	0	1
	9.	1	2	3	4	**5**	0	1
	10.	1	**2**	3	4	5	0	1
	11.	**1**	2	3	4	5	0	1
	12.	1	2	3	4	**5**	0	1

Item	Response					Score	
13.	**1**	2	3	4	5	0	1
14.	1	2	**3**	4	5	0	1
15.	1	2	3	4	**5**	0	1
16.	1	**2**	3	4	5	0	1
17.	1	2	**3**	4	5	0	1
18.	**1**	2	3	4	5	0	1
19.	1	2	3	**4**	5	0	1
20.	1	**2**	3	4	5	0	1
21.	**1**	2	3	4	5	0	1
22.	1	2	3	4	**5**	0	1
23.	1	2	3	**4**	5	0	1
24.	1	**2**	3	4	5	0	1
25.	1	2	**3**	4	5	0	1
26.	1	2	3	**4**	5	0	1

Matrix Reasoning Total Raw Score
(Maximum = 26)