UPDATED

KINGSTON SCALES

mini-KSCAr
(mini-Kingston Standardized Cognitive Assessment-rev)

ASSESSMENT FORM

PATIENT NAME:_____

DATE:_____ CASE #:_____ RATER:_____

WHAT LEVEL DID THE PATIENT FUNCTION AT PREVIOUSLY?
ABOVE AVERAGE ____ AVERAGE ____ BELOW AVERAGE ____
* For education corrections see Manual.

SCORING SUMMARY

SUB-TESTS	SCORE
1. Word Recall /10	
2. Orientation /10	
3. Abstract Thinking /8	
4. Clock Test /7	
5. Delayed Recall /10	
6. Word Recognition /10	
Total Score /55	
Normals Cumulative %	
Dementia Cumulative %	

	Normals		Dementia Norms		
Score	Cumulative Percent	Description	Score	Cumulative Percent	Description
49	97	↑	39	98	M
48	93	A	38	93	I
46	85	V	37	90	L
45	85	G	36	87	D
44	77		34	79	
			33	74	M
43	67	A	32	70	O
		V	31	66	D
42	52	E	30	64	E
		R	28	58	R
41	35	A	27	51	A
		G	26	44	T
		E	25	37	E
40	25		24	34	
			23	29	
39	20	A	21	19	S
37	12	V	17	12	V
36	5	G	15	8	R
35	2	↓	13	5	

1. WORD RECALL

Use 10 word list (TABLE, FOOTBALL, WINDOW ... APPLE).   USE A BLANK SHEET OF PAPER TO COVER THE WORDS THAT YOU HAVE NOT YET PRESENTED. SLIDE THE PAPER DOWN THE LIST SEQUENTIALLY EXPOSING THE LIST ONE WORD AT A TIME.

Present each word for 2 seconds. Ask the subject to "PLEASE READ ALOUD EACH WORD THAT I SHOW YOU."
<u>**DO NOT TELL THE SUBJECT TO TRY AND REMEMBER THEM.**</u>   **After presenting all 10 words, cover the list and ask the subject**

"PLEASE TELL ME AS MANY OF THE WORDS FROM THAT LIST AS YOU CAN, IN ANY ORDER."
Score = number correct (max = 10).

TABLE ___ *FOOTBALL* ___ *WINDOW* ___ *ROSE* ___ *COMPUTER* ___ *GLOVE* ___ *MOON* ___ *FORK* ___ *GOLD* ___ *APPLE* ___

TOTAL ___/10

2. ORIENTATION

"WHAT IS"   **Responses and Observations**

1. "YOUR FULL NAME?" _____ 0 1	6. "WHAT DAY OF THE WEEK IS THIS?" _____ 0 1
2. "YOUR AGE?" _____ 0 1	7. "WHAT MONTH IS THIS?" _____ 0 1
3. "YOUR BIRTH DATE?" _____ 0 1	8. "WHAT YEAR IS THIS?" _____ 0 1
4. "WHERE ARE WE NOW?" _____ 0 1	9. "WHAT IS THE SEASON?" _____ 0 1
5. "WHAT CITY (TOWN OR VILLAGE) IS THIS?" _____ 0 1	10. "WITHOUT LOOKING AT YOUR WATCH (or THE CLOCK) WHAT IS THE TIME OF DAY?" _____ 0 1

TOTAL_____/10

3. ABSTRACT THINKING

1. **"IN WHAT WAY ARE CARROTS AND BEANS ALIKE?"**
   [If patient fails to give a 2 point answer, say "THEY ARE BOTH VEGETABLES"] _____ 0 1 2
2. **"IN WHAT WAY ARE A SHIRT AND A SWEATER ALIKE?"**
   [If patient fails to give a 2 point answer, say "THEY ARE BOTH ITEMS OF CLOTHING"] _____ 0 1 2
3. **"IN WHAT WAY ARE A DOG AND A COW ALIKE?"   [No help]** _____ 0 1 2
4. **"IN WHAT WAY ARE A CAR AND A BICYCLE ALIKE?"   [No help]** _____ 0 1 2

TOTAL_____/8

4. CLOCK   [2 circle pages]
   [1st circle - blank]

"I WANT YOU TO WRITE IN THE NUMBERS, AS ON A CLOCK FACE."   **0 1 2**
   [2nd circle - blank]

"AND ON THIS CIRCLE DRAW IN THE HANDS TO MAKE IT SAY 9 O'CLOCK."   **0 1 2**
   [3rd circle - numbered]

"NOW, PUT IN THE HANDS FOR 5 PAST 10. MAKE IT SAY 5 PAST 10."   **0 1 2**
   [4th circle - numbered and hands (20 past 8)]

"WHAT TIME IS IT ON THIS CLOCK?"   **0 1**

TOTAL____/7

5. DELAYED WORD RECALL

"PLEASE TELL ME AS MANY WORDS THAT YOU CAN REMEMBER FROM THE LIST
THAT I SHOWED TO YOU EARLIER, IN ANY ORDER." **Score = number correct (max = 10).**

TABLE ___ *FOOTBALL* ___ *WINDOW* ___ *ROSE* ___ *COMPUTER* ___ *GLOVE* ___ *MOON* ___ *FORK* ___ *GOLD* ___ *APPLE* ___   **TOTAL ___/10**

6. WORD RECOGNITION

After completing the recall, show the subject the second list of 20 words [pages 24,25] (TABLE, HOUSE, BOWL, .. BIRD), point to the first word and say to the subject "DID YOU SEE THIS WORD ON THE LIST THAT I SHOWED TO YOU EARLIER OR IS THIS A NEW WORD?" Repeat these instructions for the 2nd word. But for the 3rd word say "HOW ABOUT THIS ONE?" For the 4th word onward, use either instruction as seems necessary. After completing the lst page go to the second one (GLOVE, KING ....) Score = total number of correct responses i.e. IN/10 + NOT IN/10 = Total/20 ÷ 2 (max = 10).
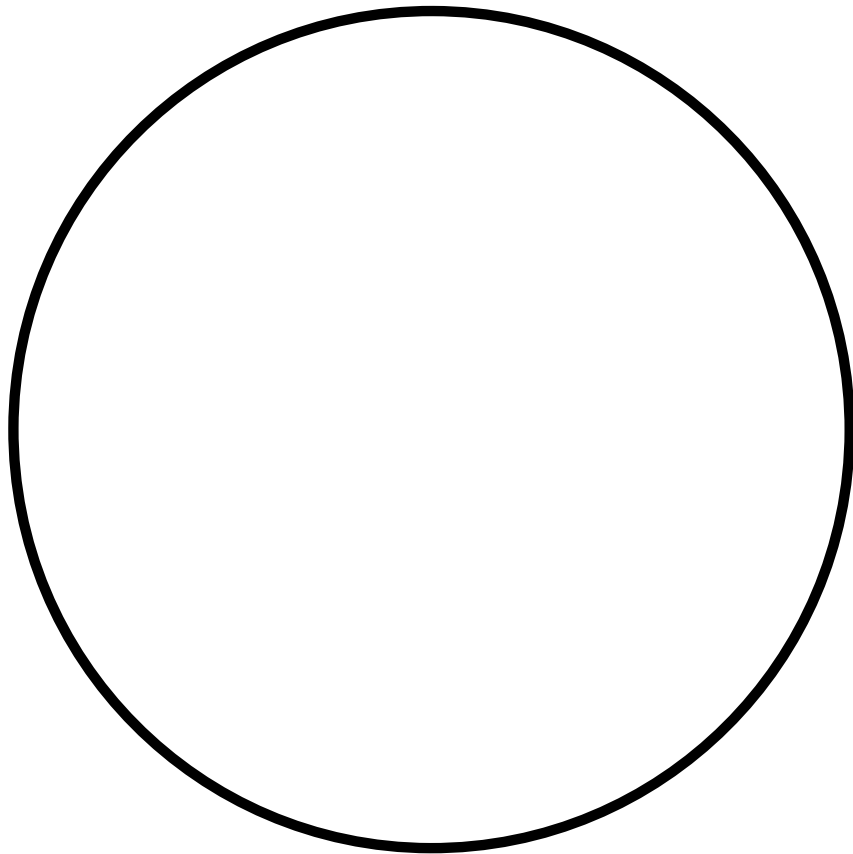
	IN	NOT IN		IN	NOT IN		IN	NOT IN		IN	NOT IN
TABLE			LAKE			GLOVE			FORK		
HOUSE			ROSE			KING			GOLD		
BOWL			DRESS			MOON			STORE		
FOOTBALL			WHEAT			CLOCK			APPLE		
WINDOW			COMPUTER			GIFT			BIRD		
									Score	/10	/10

TOTAL = _____ /20 ÷ 2 = _____/10

TABLE

FOOTBALL

WINDOW

ROSE

COMPUTER

GLOVE

MOON
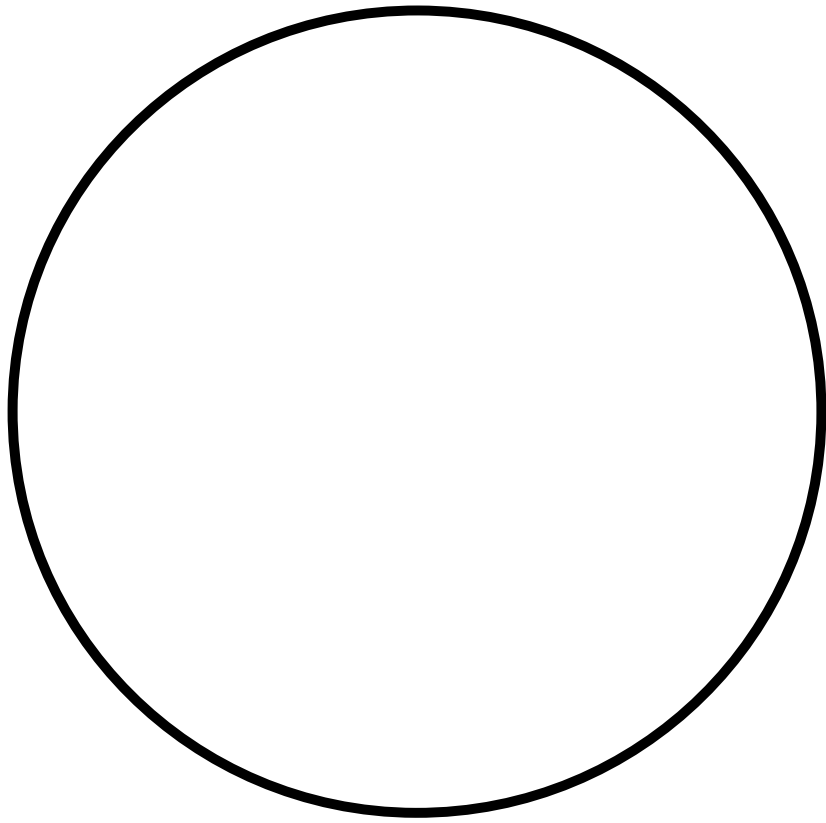
FORK

GOLD

APPLE

Fold – – – – – – – – – – – – – – – –
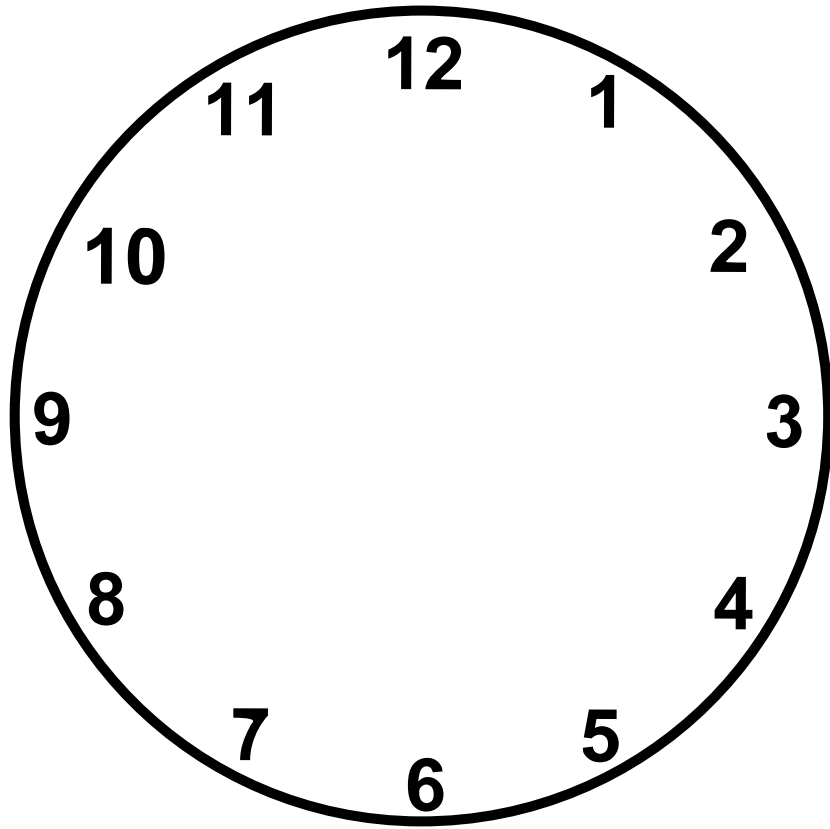
Fold
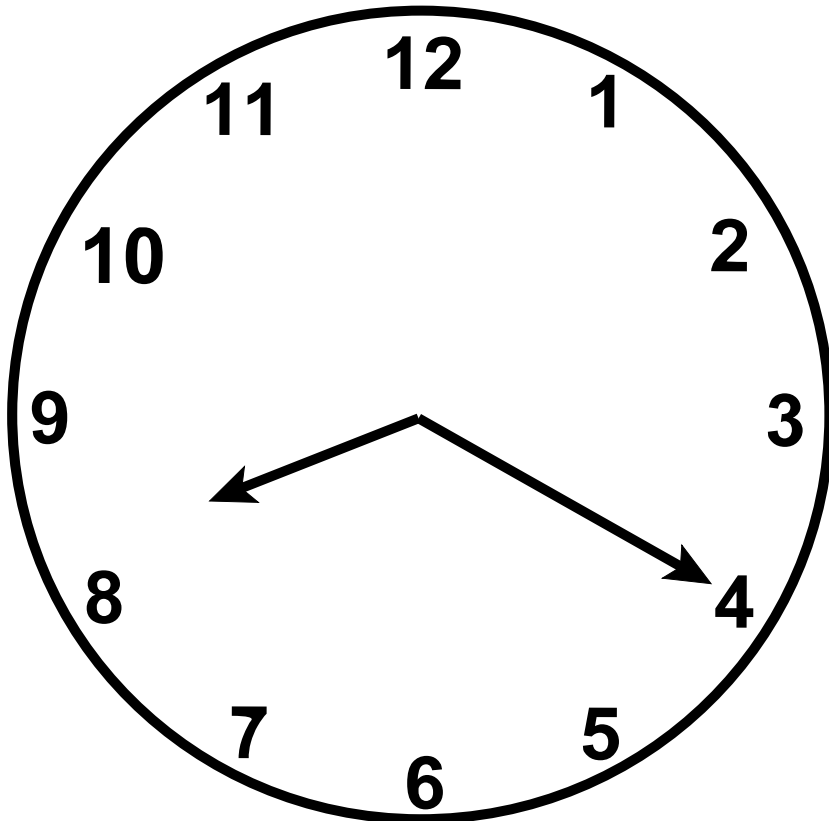
TABLE
HOUSE
BOWL
FOOTBALL
WINDOW
LAKE
ROSE
DRESS
WHEAT
COMPUTER

GLOVE

KING

MOON

CLOCK

GIFT

FORK

GOLD

STORE

APPLE

BIRD