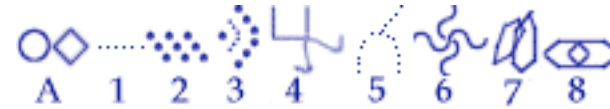


BENDER-GESTALT TEST

Scoring Based on Lacks' Scoring System

Client: _____

Date: _____ Time to Complete: _____



Error	Description	A	1	2	3	4	5	6	7	8	Present
Rotation	Score if there is a rotation of 80° to 180° (including mirror-imaging) of the major axis of the whole figure (not a part of the figure). Do not score if S shifts the position of the card or paper and then draws the figure accurately.										
Overlapping Difficulty	Difficulty in reproducing the portions of the figures that should overlap. (a) Omission of the portions of the figure which overlap. (b) Simplification of figures only at the point of overlap. (c) Marked sketching or reworking only at the point of overlap. (d) Distortion of the figure at the point of overlap. (e) Figures overlap at the wrong place. (f) Failure of figures to overlap. DO NOT SCORE – parts of figures more than 1/8 in. apart, score Simplification.										
Simplification	Score if the figure is drawn in a simplified or easier form than that is not more primitive from a maturational point of view, from the stimulus. (a) Circles for dots on figure 1. (b) Nonoverlapping parts. (c) Joining parts of figures are more than 1/8 inch apart. (d) Very simplified drawing. DO NOT SCORE – (a) figures less than 1/8 inch apart, score Close Difficulty. (b) Curves substituted for angles, not an error.										
Fragmentation	Score if the figure is broken up into parts destroying the gestalt or if the figure is incomplete (unless S refuses to draw the entire figure).										
Retrogression	Substitution of a more primitive gestalt form than the stimulus. (a) Loops for circles (if persistent). (b) Dashes for dots (if extreme and persistent). (c) Triangle for diamond or hexagon. (d) Square for diamond. (e) Rectangle for hexagon. DO NOT SCORE – Do not score if curves are substituted for angles or angulation of bottom of hexagon on figure 7 is omitted.										
Perseveration	There are 2 kinds of Perseveration errors. If both occur, this error is still only scored once. TYPE A: Inappropriate substitution of the features of a preceding stimulus, such as replacing the circles of figure 2 with the dots of figure 1 (must have made dots, not circles on figure 1); replacing the dots of figures 3 & 5 with the circles of figure 2 (must have made circles on figure 2 and dots on 1). TYPE B: Intradesign perseveration on continuing to draw a figure beyond the limits called for by the stimulus. For figure 1, 14 or more dots must be present, for figure 2, 13 or more columns of circles.										
Collision or Collision Tendency	One figure is drawn as touching or overlapping another figure (collision) or is drawn within 1/4 inch or less of another figure but does not touch (collision tendency).										
Impotence	Behavioral or verbal expressions of inability to draw a figure correctly (often accompanied by statements such as "I know this drawing is not right but I just can't make it right"). (a) Repetitious drawings or numerous erasures of figures with similar inaccuracies. (b) S realizes that an error has been made and tries to correct it unsuccessfully or expresses inability to correct it. DO NOT SCORE – Second attempt that corrects an error.										
Closure Difficulty	Difficulty in getting the joining parts of figures together or getting adjacent parts of a figure to touch. If figures are more than 1/8 inch apart at joining point, score Simplification.										
Motor Incoordination	Irregular (tremor-like) lines, especially with heavy pressure. Behavioral observations are important for scoring this error. Be sure S is drawing on a smooth surface. (a) Marked and persistent gasp, overlap, redrawing, sketching, erasures, increased pressure at points where parts of the design join one another. DO NOT SCORE – Parts of figures are more than 1/8 inch apart, score Simplification.										
Angulation	Severe difficulty in reproducing the angulation of figures. (a) Failure to reproduce angulation of a figure. (b) Angulation of the whole figure 45° to 80° rather than parts of a figure (but not greater than 80°, which would be rotation). (c) Variability of the angulation of more than half the rows of circles of figure 2. DO NOT SCORE – (a) Figure 3 should be scored leniently because its angulation is especially hard to reproduce. (b) Reversal of angulation on figure 2, score Rotation.										
Cohesion	Isolated decrease or increase in size of figures. Score very conservatively. This error is most frequently overscored. (a) Decrease in the size of part of a figure by more than 1/3 of the dimensions used in the rest of the figure. (b) Increase or decrease in the size of a figure by 1/3 of the dimensions used in the other drawings (not compared to the size of the stimulus cards). Exclude parts of drawing that are larger due to Perseveration.										
Time	Score if total time is greater than 15 minutes.										

Points:

- 1) Score **presence** of error, not frequency, and score conservatively. For example, even if Rotation is scored for each figure, score only 1 in the **Present** column.
- 2) If the subject rotates the card or paper and then draws correctly, it is correct.
- 3) Generally, 3 or fewer errors indicates an *absence* of visuoconstructive deficits or brain impairment; 4 errors is a *borderline* score; and 5 or 6 errors provide *some evidence* for brain impairment. The greater the number of errors, the greater the evidence for some type of brain impairment: *strong evidence* with 7 or 8 errors and *very strong evidence* with 9 to 12 errors. Five or more errors is serious, but not if the subject is lazy, impulsive, unmotivated, or uncooperative.

Total Score

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