## Bender Gestalt Test

## Scoring

## Rotation

- Score if there is a rotation of $80^{\circ}$ to $180^{\circ}$ (including mirror-imaging) of the major axis of the whole figure (not a partof 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 over lap.
- (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.



## Simplification

- Score if the figure is drawn in a simplified or easier form that is not more primitive from a maturational point of view, from the stimulus.
- (a) Circles for dots on figure 2.
- (b) Non overlapping 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.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| x | x | x | x | x | x | x | x | x |

## Fragmentation

- Score if the figure is broken up into parts destroying the gestalt or if the figure is incomplete



## 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 NODo not score if curves are substituted for angles or angulation of bottom of hexagon on figure 8 is omitted.T SCORE -



## 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 3 with the dots of figure 2 (must have made dots, not circles on figure 2); replacing the dots of figures $4 \& 6$ with the circles of figure 3 (must have made circles on figure 3 and dots on 2).
- TYPE B: Intradesign perseveration on continuing to draw a figure beyond the limits called for by the stimulus.



## 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 orexpresses inability to correct it.
- DO NOT SCORE - Second attempt that corrects an error.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| x | x | x | x | x | x | x | x | x |

## 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.



## Angulation

- Severe difficulty in reproducing the angulation of figures.
- (a) Failure to reproduce angulation of a figure.
- (b) Angulation of the whole figure $45^{\circ}$ to $80^{\circ}$ rather than parts of a figure.).
- (c) Variability of the angulation of more than half the rows of circles of figure 3.
- DO NOT SCORE -
a (a) Figure 4 should be scored leniently because its angulation is especially hard to reproduce.
- (b) Reversal of angulation on figure 3, 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.




## Figura 1



Figura 2


Figura 3


## Figura 4

Item 8
Bender-Gestalt II Design


Subject's Drawing
1

## Figura 5

Item 9
Bender-Gestalt II Design



## Figura 6



Figura 7


Sublects Drawing


## Figura 8



## Figura 7

## Item 13

Bender-Gestalt II Design Subject's Drawing


## Figura 1

## Item 5

## Bender-Gestalt II Design



Subject's Drawing


GSS Item Score: 1
Key points contributing to GSS Score: Severe distortion, especially integration
Koppitz error information: 2 errors (1a,3)

## Figure 2

Item 5 Information for the Bender-Gestalt II case study.

## Figura 2

## Item 6

Bender-Gestalt II Design

Subject's Drawing


GSS Item Score: 2

Key points contributing to GSS Score: Moderate distortion, especially spacing
Koppitz error information: none
Figure 3
Item 6 Information for the Bender-Gestalt II case study.

## Figural 3

## Item 7

Bender-Gestalt II Design


Subject's Drawing





GSS Item Score: 2
Key points contributing to GSS Score: Moderate distortion, especially spacing and shape
Koppitz error information: none
Figure 4
Item 7 Information for the Bender-Gestalt II case study.

## Figura 4



GSS Item Score: 2
Key points contributing to GSS Score: Moderate distortion, especially spacing and shape
Koppitz error information: none
Figure 5
Item 8 Information for the Bender-Gestalt II case study.

## Figura 5

Item 9

Bender-Gestalt II Design


Subject's Drawing


GSS Item Score: 1
Key points contributing to GSS Score: Severe distortion, especially integration and rotation
Koppitz error information: 1 error (14)
Figure 6
Item 9 Information for the Bender-Gestalt II case study.

## Figura 6



## Figura 7

## Item 11

## Bender-Gestalt II Design



Subject's Drawing


## GSS Item Score: 1

Key points contributing to GSS Score: Severe distortion, especlally shape
Koppitz error informattion: 2 errors (18a and 19)
Figure 8
Item 11 Information for the Bender-Gestalt II case study.

## Figura 8

Hem 12

Bender-Gestalt II Design


GSS Item Score: 1
Key points contributing to GSS Score: Severe distortion, especlally shape and integration
Koppitz error Information: 4 errors (21a, 21b, 22, and 23)
Figure 9
Item 12 Information for the Bender-Gestalt II case study.

## Figura 7

## Item 13

## Bender-Gestalt II Design



Subject's Drawing


GSS Item Score: 2

Key points contrlbuting to GSS Score: Moderate distortion, especlally shape

Koppliz error Information: 1 error (24)
Figure 10
Item 13 Information for the Bender-Gestalt II case study.

