

Replication of Treisman & Gelade (1980)

Conjunctive Task

Target: Green T

Distractors: Red T, Green X

Disjunctive Task

Target: Red or Green S, Blue T or X

Distractors: Red T, Green X [same as for conjunctive task]

4 array sizes: 1, 5, 15, 30

Number of present trials per condition = 25

Number of absent trials per condition = 25

Circular arrangement to letters to equate for acuity

8 conditions (4 array sizes X 2 tasks) randomly ordered X 50 trials/condition = 400 trials

Radius of circular display = 200 pixels

1 pixel = .034 cm