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NOTES

1. Type I error probabilities for *F* tests are less than .001, unless otherwise indicated.
2. The number of matching opportunities for a given lag is equal to subjects' total number of tabled errors, minus the number of errors that occurred on trials numbered less than or equal to the lag (e.g., an error that occurs on Trial 5 cannot be matched at a lag greater than 4). Note

that the expected percentage of errors matched will decrease for larger lags because of the corresponding decrease in matching opportunities as lag increases.

3. Campbell and Clark (1989) determined chance matching rates from a binomial model that assumed a single occurrence of each product as a correct answer in each block. In the present experiment, products and primes occurred with unequal frequency, and a simple binomial model does not apply.

APPENDIX

Easy and Difficult Problem Sets and the False Answers Assigned to Each Problem for Experiment 1

Easy Problem Set				Difficult Problem Set			
Problem	Cor	Rel	Unr	Problem	Cor	Rel	Unr
2×2	4	8	9	2×8	16	18	15
2×3	6	12	13	3×6	18	24	35
2×4	8	16	15	3×8	24	18	14
2×5	10	25	21	3×9	27	18	32
2×6	12	16	15	4×6	24	28	25
2×7	14	21	25	4×7	28	21	27
2×9	18	27	25	4×8	32	24	27
3×3	9	6	8	4×9	36	45	42
3×4	12	24	30	5×7	35	45	27
3×5	15	25	28	5×8	40	45	42
3×7	21	27	25	5×9	45	40	49
4×4	16	8	6	6×7	42	63	64
4×5	20	15	14	6×8	48	72	63
5×5	25	20	21	6×9	54	63	64
5×6	30	35	32	7×8	56	42	36
6×6	36	12	16	7×9	63	56	48
7×7	49	42	45	8×8	64	72	54
9×9	81	54	49	8×9	72	63	49

Note—Cor = correct answer; Rel = related false answer; Unr = unrelated false answer.

(Manuscript received October 30, 1989;
revision accepted for publication July 31, 1990.)

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