

ICPSR 4248

**ACTIVE (Advanced Cognitive  
Training for Independent and Vital  
Elderly), 1999-2001 [United States]**

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Form 614 Letter Series Codebook

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## ACTIVE

## Letter Sets

## Form #614

A1. Study ID#:	<input type="text" value="Label"/>
A2. Visit #:	GRP3, GRP4, GRP5, GRP6 (Circle one.)
A3. Form Version:	<u>07/09/2001</u>

VISIT	Frequency	Percent	Cum Freq	Cum Percent
GRP3	1821	54.04	1821	54.04
GRP5	1549	45.96	3370	100.00

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# ACTIVE: LETTER SETS

**INSTRUCTIONS:** Each problem in this measure has five sets of letters with four letters in each set. Four of the sets of letters are alike in some way. You are to find the rule that makes these four sets alike. One letter set is different from the others and will not fit this rule. Mark an X over the set of letters that is different.

**NOTE:** The rules will not be based on the sounds of sets of letters, the shapes of letters, or whether letter combinations form words or parts of words.

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**Example A:**    N O P Q    ~~D E F L~~    A B C D    H I J K    U V W X

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In **Example A**, four of the sets have letters in alphabetical order. An X has been drawn over DEFL, which does not follow the same rule or pattern.

Now work **Examples B & C**. Mark an X through the letter set that does not fit the rule in each one.

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**Example B:**    N L I K    P L I K    Q L I K    T H I K    V L I K

**Example C:**    B C D F    F G H J    K L M P    N O P R    S T U W

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In **Example B**, four of the sets contain the letter L. You should have marked an X through THIK, as there is no letter L in this set.

In **Example C**, four of the sets contain a pattern in which one letter was skipped. You should have marked an X through KLMP, as 2 letters were skipped between M and P.

You will be allowed 7 minutes for this measure.

**REMEMBER:** Mark an X through the set of letters that is different.

**DO NOT TURN THIS PAGE UNTIL ASKED TO DO SO.**

# LETTER SETS

1. Q P P Q H G H H T T T U D D D E M L M M

ROW1	Frequency	Percent	Cum Freq	Cum Percent
-9	827	24.54	827	24.54
1	1648	48.90	2475	73.44
2	234	6.94	2709	80.39
3	186	5.52	2895	85.91
4	137	4.07	3032	89.97
5	338	10.03	3370	100.00

2. B C D E F G H I J K L M P R S T V W X Y

ROW2	Frequency	Percent	Cum Freq	Cum Percent
-9	181	5.37	181	5.37
1	79	2.34	260	7.72
2	39	1.16	299	8.87
3	60	1.78	359	10.65
4	2768	82.14	3127	92.79
5	243	7.21	3370	100.00

3. B V Z C F V Z G J V Z K P W X Q S V Z T

ROW3	Frequency	Percent	Cum Freq	Cum Percent
-9	195	5.79	195	5.79
-3	12	0.36	207	6.14
1	31	0.92	238	7.06
2	27	0.80	265	7.86
3	69	2.05	334	9.91
4	2958	87.77	3292	97.69
5	78	2.31	3370	100.00

4. B C E F F G I J S T W X C D F G P Q S T

ROW4	Frequency	Percent	Cum Freq	Cum Percent
-9	398	11.81	398	11.81
-3	30	0.89	428	12.70
-2	12	0.36	440	13.06
1	79	2.34	519	15.40
2	135	4.01	654	19.41
3	2373	70.42	3027	89.82
4	122	3.62	3149	93.44
5	221	6.56	3370	100.00

5. B C C B G F F G L M M L Q R R Q W X X W

ROW5	Frequency	Percent	Cum Freq	Cum Percent
-9	767	22.76	767	22.76
-3	45	1.34	812	24.09
-2	42	1.25	854	25.34
1	70	2.08	924	27.42
2	1539	45.67	2463	73.09
3	171	5.07	2634	78.16
4	330	9.79	2964	87.95
5	406	12.05	3370	100.00

6. A A P P C C R R Q Q B B E E T T D D S S

ROW6	Frequency	Percent	Cum Freq	Cum Percent
-9	1001	29.70	1001	29.70
-3	47	1.39	1048	31.10
-2	87	2.58	1135	33.68
1	39	1.16	1174	34.84
2	61	1.81	1235	36.65
3	1887	55.99	3122	92.64
4	101	3.00	3223	95.64
5	147	4.36	3370	100.00

7. A B D C E G F H I J L K O P R Q U V X W

ROW7	Frequency	Percent	Cum Freq	Cum Percent
-9	225	6.68	225	6.68
-3	46	1.36	271	8.04
-2	134	3.98	405	12.02
1	130	3.86	535	15.88
2	1743	51.72	2278	67.60
3	270	8.01	2548	75.61
4	478	14.18	3026	89.79
5	344	10.21	3370	100.00

8. C E R T K M T V F H X Z B O D Q H J P R

ROW8	Frequency	Percent	Cum Freq	Cum Percent
-9	802	23.80	802	23.80
-3	272	8.07	1074	31.87
-2	180	5.34	1254	37.21
1	60	1.78	1314	38.99
2	84	2.49	1398	41.48
3	177	5.25	1575	46.74
4	1650	48.96	3225	95.70
5	145	4.30	3370	100.00

9. P A B Q S E F T V I J W C O P D F U Z G

ROW9	Frequency	Percent	Cum Freq	Cum Percent
-9	527	15.64	527	15.64
-3	138	4.09	665	19.73
-2	452	13.41	1117	33.15
1	59	1.75	1176	34.90
2	73	2.17	1249	37.06
3	228	6.77	1477	43.83
4	218	6.47	1695	50.30
5	1675	49.70	3370	100.00

10. C F C R J C V C C G C S C L X C K C W C

ROW10	Frequency	Percent	Cum Freq	Cum Percent
-9	623	18.49	623	18.49
-3	348	10.33	971	28.81
-2	590	17.51	1561	46.32
1	72	2.14	1633	48.46
2	190	5.64	1823	54.09
3	212	6.29	2035	60.39
4	1126	33.41	3161	93.80
5	209	6.20	3370	100.00

11. X D B K T N L L V E G V P F C C Z A G Z

ROW11	Frequency	Percent	Cum Freq	Cum Percent
-9	752	22.31	752	22.31
-3	340	10.09	1092	32.40
-2	938	27.83	2030	60.24
1	710	21.07	2740	81.31
2	167	4.96	2907	86.26
3	134	3.98	3041	90.24
4	127	3.77	3168	94.01
5	202	5.99	3370	100.00

12. C A E Z C E I Z C I O Z C G V Z C A U Z

ROW12	Frequency	Percent	Cum Freq	Cum Percent
-9	584	17.33	584	17.33
-3	255	7.57	839	24.90
-2	1278	37.92	2117	62.82
1	47	1.39	2164	64.21
2	66	1.96	2230	66.17
3	173	5.13	2403	71.31
4	688	20.42	3091	91.72
5	279	8.28	3370	100.00



13. V E B T X G D V Z I F X K X V H M Z X J

ROW13	Frequency	Percent	Cum Freq	Cum Percent
-9	625	18.55	625	18.55
-3	312	9.26	937	27.80
-2	1533	45.49	2470	73.29
1	420	12.46	2890	85.76
2	55	1.63	2945	87.39
3	126	3.74	3071	91.13
4	167	4.96	3238	96.08
5	132	3.92	3370	100.00

14. A F B G E J F K G K H M P S Q T R W S X

ROW14	Frequency	Percent	Cum Freq	Cum Percent
-9	366	10.86	366	10.86
-3	232	6.88	598	17.74
-2	1845	54.75	2443	72.49
1	35	1.04	2478	73.53
2	85	2.52	2563	76.05
3	437	12.97	3000	89.02
4	196	5.82	3196	94.84
5	174	5.16	3370	100.00

15. K G D B D F I M K I F B H J M Q L H E C

ROW15	Frequency	Percent	Cum Freq	Cum Percent
-9	590	17.51	590	17.51
-3	221	6.56	811	24.07
-2	2077	61.63	2888	85.70
1	37	1.10	2925	86.80
2	90	2.67	3015	89.47
3	71	2.11	3086	91.57
4	142	4.21	3228	95.79
5	142	4.21	3370	100.00