

**Correlation Between
Various Placement
Instruments
For
Reading
Language/Writing
Mathematics
Elementary Algebra**

Performance Level Concordance

Performance level concordance means the condition of agreement for the levels of performance in each category. The following tables were gathered to compare the levels of agreement for student performance in various assessment instruments

This report was prepared to fulfill a partial agreement for Adult Basic Education and the State Department of Education. The information was correlated and set into tables for comparison of performance levels

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PERFORMANCE LEVEL CONCORDANCE

**TABE Reading Grade Level/CPT Reading Scale Score/ SAT Verbal Score/
Enhanced ACT Reading Score/ASSET Reading Skills Score/
COMPASS Reading Scale Score**

TABE Grade Level	ACCUPLACER Reading Scale Score	SAT Verbal Score	ENHANCED ACT Reading Score	ASSET Reading Skills Score	COMPASS Reading Scale Score
4.4	26				
5.6	27				
	28		11	32-33	46-49
	29				
5.8	30				
6.0	31	200			
6.4	32				
	33				
7.3	34		12	34	53
7.4	35	210			
7.8	36	220			
7.9	37				
	38				
	39	230			
8.0	40				
8.1	41				
	42				
8.2	43		13	35	60
	44	240			
	45				
8.6	46				
8.7	47				
	48				
	49				
	50	250			
8.8	51				
8.9	52				
9.0	53	260	14	36-37	65-67
	54				
	55				
	56				
9.1	57	270			
	58				
	59				
9.3	60				
9.4	61		15	38	70
9.7	62	280			
9.8	63				

PERFORMANCE LEVEL CONCORDANCE

**TABE Reading Grade Level/CPT Reading Scale Score/ SAT Verbal Score/
Enhanced ACT Reading Score/ASSET Reading Skills Score/
COMPASS Reading Scale Score**

TABE Grade Level	ACCUPLACER Reading Scale Score	SAT Reading Score	ENHANCED ACT Reading Score	ASSET Reading Skills Score	COMPASS Reading Scale Score
10.0	64				
10.1	65	290			
10.2	66				
10.7	67				
10.8	68				
10.9	69	300			
11.4	70		16	39	73
12.1	71				
12.5	72	310			
	73				
	74				
	75	320			
	76				
	77				
	78	330			
	79		17	40	76
	80				
	81	340			
	82				
	83	350			
	84				
	85		18	41	79
	86	360			
	87				
	88	370			
	89				
	90		19	42-43	81-83
	91	380			
	92	390			
	93				
	94	400			
	95				
	96		20	44	85
	97	410			
	98	420			
	99	430			
	100				
	101	440			

PERFORMANCE LEVEL CONCORDANCE

**TABE Reading Grade Level/CPT Reading Scale Score/ SAT Verbal Score/
Enhanced ACT Reading Score/ASSET Reading Skills Score/
COMPASS Reading Scale Score**

TABE Grade Level	ACCUPLACER Reading Scale Score	SAT Reading Score	ENHANCED ACT Reading Score	ASSET Reading Skills Score	COMPASS Reading Scale Score
	102	450	21	45	87
	103				
	104	460			
	105		22	46	89
	106				
	107	470			
	108	480			
	109	510	23	47	91
	110	520			
	111				
12.9	112	540	24	48	92
	113		26	49	94
	114				
	115				
	116		27		
	117	560			
	118				
	119				
	120				

PERFORMANCE LEVEL CONCORDANCE

**TABE Writing Grade Level/CPT Sentence Skills Scale Score/ SAT Verbal
Score/Enhanced ACT English Score /ASSET Writing Skills Score/
COMPASS Writing Scale Score**

TABE Grade Level	ACCUPLACER Sentence Skills Scale Score	SAT Verbal Score	ENHANCED ACT English Score	ASSET Writing Skills Score	COMPASS Writing Scale Score
3.3	29				
	30				
3.7	31				
	32	200	9		
	33				
	34		10		
4.0	35	210			
	36	220			
4.3	37				
5.0	38				
5.4	39				
	40	230			
	41		11	33-34	15
5.6	42				
5.8	43				
	44	240			
	45				
6.0	46				
6.1	47		12	35	23
6.2	48	250			
	49				
	50				
6.4	51	260			
7.5	52				
7.6	53				
7.8	54				
	55				
7.9	56		13	36-37	28-32
	57	270			
8.0	58				
8.1	59				
8.2	60				
8.3	61				
	62				
8.5	63	280			
	64				
	65				
8.7	66		14	38	38

PERFORMANCE LEVEL CONCORDANCE
T ABE Writing Grade Level/CPT Sentence Skills Scale Score/ SAT
Verbal Score/Enhanced ACT English Score /ASSET Writing Skills Score/
COMPASS Writing Scale Score

TABE Grade Level	ACCUPLACER Sentence Skills Scale Score	SAT Verbal Score	ENHANCED ACT English Score	ASSET Writing Skills Score	COMPASS Writing Scale Score
8.8	67				
9.1	68	290			
	69				
9.6	70				
	71				
9.7	72				
9.8	73				
	74	300			
9.9	75				
	76	310	15	39-40	45-48
10.1	77				
10.4	78				
10.6	79				
	80				
11.1	81				
	82	320	16	41	54
12.8	83				
	84	330			
	85				
	86	340			
	87		17	42-43	62-65
	88	350			
	89				
	90				
	91	360			
	92	370	18	44	71
	93				
	94				
	95				
	96	380			
	97				
	98		19	45	77
	99	390			
	100	400	20	46	83
	101				
	102				
	103				
	104	410	21	47	87

PERFORMANCE LEVEL CONCORDANCE
TABE Writing Grade Level/CPT Sentence Skills Scale Score / SAT
Verbal Score/Enhanced ACT English Score/ASSET Writing Skills Score/
COMPASS Writing Scale Score

TABE Grade Level	ACCUPLACER Sentence Skills Scale Score	SAT Verbal Score	ENHANCED ACT English Score	ASSET Writing Skills Score	COMPASS Writing Scale Score
	105	420			
	106	430			
	107	440			
	108		22		
	109	450	23	49	92
	110	460			
	111	470	24	50	94
	112	480			
	113	490	25		
	114	500	26		
	115	510	27	52	98
	116	520			
	117	540			
12.9	118		28		
	119			54	99
	120	560	30		

PERFORMANCE LEVEL CONCORDANCE
TABE Mathematics Grade Level/CPT Arithmetic Scale Score/
SAT Math Score/Enhanced ACT Math Score/
ASSET Numerical Skills Score/COMPASS Pre-Algebra Scale Score

TABE Grade Level	ACCUPLACER Arithmetic Scale Score	SAT Math Score	ENHANCED ACT Math Score	ASSET Numerical Skills Score	COMPASS Pre-Algebra Scale Score
	19		10		
5.5	20				
6.0	21		11	25-28	
6.8	22	230			
6.9	23	240			
7.0	24	250	12	29-30	17
7.1	25	260			
	26				
7.4	27	270			
7.6	28				
7.7	29	280			
7.8	30	290	13	31-32	19-21
8.0	31				
	32	300			
	33				
	34				
8.1	35		14	33-35	22-26
8.2	36	310			
8.3	37				
	38				
8.4	39				
8.6	40				
	41				
8.7	42				
	43	320			
	44				
8.9	45				
9.0	46				
	47	330	15	36-37	29-32
9.1	48				
	49				
	50				
9.2	51	340			
9.3	52				
	53				
9.4	54				
9.7	55				
10.5	56				
10.6	57				

PERFORMANCE LEVEL CONCORDANCE
**TABE Mathematics Grade Level/CPT Arithmetic Scale Score/
 SAT Math Score/Enhanced ACT Math Score/
 ASSET Numerical Skills Score/COMPASS Pre-Algebra Scale Score**

TABE Grade Level	ACCUPLACER Arithmetic Scale Score	SAT Math Score	ENHANCED ACT Math Score	ASSET Numerical Skills Score	COMPASS Pre-Algebra Scale Score
10.7	58				
11.1	59	350	16	38	36
11.4	60				
12.0	61				
12.2	62				
	63	360	16	39	39
12.7	64				
	65				
	66				
	67				
	68				
	69				
	70	370			
	71				
	72				
	73				
	74				
	75				
	76				
	77				
	78	380			
	79		17	40-41	43-46
	80				
	81				
	82				
	83				
	84				
	85				
	86				
	87				
	88	390			
	89				
	90				
	91	400			
	92				
	93				
	94				
	95	410			

PERFORMANCE LEVEL CONCORDANCE
**TABE Mathematics Grade Level/CPT Arithmetic Scale Score/
 SAT Math Score/Enhanced ACT Math Score/
 ASSET Numerical Skills Score/COMPASS Pre-Algebra Scale Score**

TABE Grade Level	ACCUPLACER Arithmetic Scale Score	SAT Math Score	ENHANCED ACT Math Score	ASSET Numerical Skills Score	COMPASS Pre-Algebra Scale Score
	96				
	97	420			
	98				
	99	430	18	42-43	50-53
	100				
	101	440			
	102	450			
	103	460	19	44-45	58-61
	104	480			
	105	490			
	106	510			
	107	520			
	108	530	20	46	66
	109	540			
	110	570			
	111				
	112				
	113	600			
	114	610	21	47	73
	115				
12.9	116		23	49	82
	117				
	118		29	54	97
	119				
	120	630	33		

PERFORMANCE LEVEL CONCORDANCE
**TABE Mathematics Grade Level/CPT Arithmetic Scale Score/
SAT Math Score/Enhanced ACT Math Score/
ASSET Elementary Algebra Skills Score/COMPASS Algebra Scale Score**

TABE Mathematics Grade Level	ACCUPLACER Elementary Algebra Scale Score	SAT Math Score	ENHANCED ACT Math Score	ASSET Elementary Algebra Skills Score	COMPASS Algebra Scale Score
6.4	20				
	21		11		
7.7	22	230			
8.1	23	250	12	23-24	
8.3	24				
8.6	25				
8.9	26	260			
9.1	27				
9.2	28	290	13	26	16
9.4	29				
10.0	30	300			
10.6	31				
11.1	32				
	33				
	34				
11.7-12.7	35	320			
	36				
	37	330	15	30-32	19-21
	38	340			
	39				
	40				
	41				
	42				
	43	350	16	33	23
	44				
	45				
	46				
	47	360	16	34	25
	48				
	49				
	50				
	51				
	52				
	53	370			
	54				
	55				
	56				

PERFORMANCE LEVEL CONCORDANCE

**TABE Mathematics Grade Level/CPT Elementary Algebra Scale Score/
SAT Math Score/Enhanced ACT Math Score/
ASSET Elementary Algebra Skills Score/COMPASS Algebra Scale Score**

TABE Mathematics Grade Level	ACCUPLACER Elementary Algebra Scale Score	SAT Math Score	ENHANCED ACT Math Score	ASSET Elementary Algebra Skills Score	COMPASS Algebra Scale Score
	57				
	58				
	59				
	60				
	61				
	62	380			
	63		17	36-38	27-29
	64				
	65				
	66				
	67				
	68				
	69				
	70	390			
	71				
	72				
	73	400			
	74				
	75	410			
	76				
	77				
	78				
	79				
	80				
	81				
	82	420			
	83				
	84	430	18	39-40	32-34
	85				
	86				
	87				
	88				
	89				
	90				
	91				
	92				
	93	440			
	94				

PERFORMANCE LEVEL CONCORDANCE
**TABE Mathematics Grade Level/CPT Arithmetic Scale Score/
SAT Math Score/Enhanced ACT Math Score/
ASSET Elementary Algebra Skills Score/COMPASS Algebra Scale Score**

TABE Mathematics Grade Level	ACCUPLACER Elementary Algebra Scale Score	SAT Math Score	ENHANCED ACT Math Score	ASSET Elementary Algebra Skills Score	COMPASS Algebra Scale Score
	95				
	96	450			
	97	460	19		
	98				
	99				
	100				
	101				
	102				
	103				
	104				
	105	480			
	106	490			
	107				
	108				
	109	520			
	110		20		
	111				
	112	540			
	113				
	114	570			
	115				
	116	610	21		
	117				
	118		29		
	119				
	120	630	33		

Reference:

ACT, Inc. (1999). Concordant ACT Assessment and ASSET Scores. Iowa City, IA

The College Board (1995). ACCUPLACER Program Overview: Coordinator's Guide