

Correlation Chart

Correlations Between Contemporary's Instructional Materials and TABE® Math Computation and Applied Math

Test 2 Mathematics Computation

Subskill	TABE® Form 9	TABE® Form 10	TABE® Survey 9	TABE® Survey 10	Practice and Instruction Pages			
					<i>Achieving TABE Success in Mathematics, Level D</i>	<i>Pre-GED Mathematics</i>	<i>Complete Pre-GED</i>	<i>The GED Math Problem Solver*</i>
Multiplication of Whole Numbers								
regrouping: by 1 digit	3, 7	2, 4	1, 5	1, 2	19	18 82–83	663–670	64–66, 69–70,
regrouping: by 2+ digits	5, 11, 15	6, 20, 22	3, 10	4, 14	21	18	663–670	64–66, 69–70, 82–83
Division of Whole Numbers								
no remainder: by 1 digit	6, 16	17	2, 11	13	24–25	19–21	671–673	64–66, 69–70
no remainder: by 2+ digits	—	27	—	18	28–29	19–21	671–673	64–66, 69–70
remainder: by 1 digit	4, 8, 22	7, 19, 23	4, 17	5, 15	26, 29	19–21	671–673	64–66, 69–70
Decimals								
addition	1, 12	1, 15	7	12	43	57–61, 64–67	716–717	189–195
subtraction	14, 26	3, 13	9	10	44	57–61, 64–67	717	189–195
multiplication	9, 13	8, 26	8	19	45–46	57–61, 67–69	718	189–195
division	2, 20	11, 14	15	8	47–49	57–61, 70–72	719	189–195
Fractions								
addition	28, 31	21, 31	20	21	60, 64	78–100	729–735	162–172
subtraction	10, 24	5, 24	6	3	61, 64	78–100	729–735	166–172
multiplication	17, 34	16, 29	12	11	65–66	78–90, 101–102	736–739	176–180
division	21, 33	33, 38	16	22	67–69	78–90, 102–104	740–743	182
Integers								
addition	25, 29	9, 18	18	6	75			48–52
subtraction	37, 39	36, 39	24	24	76			48–52
multiplication	19, 27, 36	10, 12, 32	14, 22	7, 9	77			96–97
division	18, 35	25, 34	13	16	77			96–97
Percents								
percents	23, 30, 32, 38, 40	28, 30, 35, 37, 40	19, 21, 23, 25	17, 20, 23, 25	86–96	125–143	753–766	226–239, 242–253

Test 3 Applied Mathematics



Subskill	TABE® Form 9	TABE® Form 10	TABE® Survey 9	TABE® Survey 10	Practice and Instruction Pages			
					<i>Achieving TABE Success in Mathematics, Level D</i>	<i>Pre-GED Mathematics</i>	<i>Complete Pre-GED</i>	<i>The GED Math Problem Solver*</i>
Number and Number Operations								
read, recognize numbers	4	—	—	—	8–9, 40	12–15	655–656	
compare, order	—	19	—	—	10, 40, 63	82–83, 88–89 153–157, 188–189	727–729	20–21,
place value	6	31	—	—	8, 40	10–11	653–654	
fractional part	39	49	19	24	53–54, 56	78–81	723–727	150–157
operation properties	7	44	4	21	100–101	38–39, 193–194		100–101, 104, 117–119
equivalent forms	9	17	5	—	55–57, 61	82–87	753–757	153–157, 162
number line	1	1	—	1	73–74, 79, 129–130			19, 48–52
factors, multiples, divisibility	—	47	—	22	58–59, 62	15–21, 64–72	657–673	69–71
percent	2	—	2	—	88–96	125–134, 136–140	753–766	226–239, 242–253
ratio, proportion	16	37	—	—	81–85	112–122, 136–140	745–752, 764–765	202–203, 207–211, 214–219, 231–232
Computation in Context								
whole numbers	28	10, 24	—	—	35–36	16–20, 38–43, 45–49	658, 668, 672, 675	** 28–31, 210–211, 237
decimals	19, 43	7	22	7	50, 96	34–37, 50–51, 72–77	720	** 90–97, 107–109, 190
fractions	24	36, 48	—	23	69–70, 96	96, 100, 110–111	735, 737, 742–743	** 90–97, 172, 188, 193, 218–219

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					<i>Achieving TABE Success in Mathematics, Level D</i>	<i>Pre-GED Mathematics</i>	<i>Complete Pre-GED</i>	<i>The GED Math Problem Solver*</i>
Estimation								
estimation	15, 50	9, 15	25	8	11, 17, 22, 27, 37, 132–135	23–25, 44–45	678–679, 715–716	16–17, 59–60, 94–95, 170–171, 181, 242–243
rounding	5, 14, 38	5, 46	—	—	12, 40	62–63	676–677, 713–714	72–74, 85
reasonableness of answer	—	16	—	—	32, 132–133, 135	34–43	697–698	8–9, 72–73
Measurement								
appropriate unit	30	23	—	—	157	212–221	801–805	77
time	11, 29	18	6	—	138–140			
perimeter	41	14	20	—	141–142	225–228	808–809	13–14, 105
area	40	28	—	12	143–144	229–233	810–811	78–83, 116, 130–131
rate	—	32	—	15	86–87	115–117	747–748	203–204, 206–207, 223
convert measurement units	12	—	7	—	134, 136–138	212–218	801–803, 805	77, 169, 180
angle measure	—	34	—	17	118–119	222–224	807, 813–815	38–41, 44–45
Geometry and Spatial Sense								
symmetry	—	45	—	—				
plane figure	33	35	14	18	116–120	222–233	808–811	78–83
solid figure	—	27	—	11	122–123	233–235	812–813	84
visualization, spatial reasoning	—	30	—	—	121			
parallel, perpendicular	—	29	—	13	115	220–224	806	44
triangles	8	—	—	—	118	220–224	815–816	42–43, 220–221
angles	—	38	—	—	114	220–224	807, 813–815	38–41, 44–45
coordinate geometry	48	—	24	—	126	204–207		52–55, 254–257
parts of a circle	3	—	—	—	120	225	808	126–128
point, ray, line, plane	10	—	1	—	113	220–224	806	
transformations	34	—	—	—	124–125			

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					<i>Achieving TABE Success in Mathematics, Level D</i>	<i>Pre-GED Mathematics</i>	<i>Complete Pre-GED</i>	<i>The GED Math Problem Solver*</i>
Data Analysis								
bar, line, and circle graph	20, 35, 36	3, 4	10, 15, 16	3, 4	159–160, 162–163	149–172	772–777	10, 20, 140, 178, 236, 251, 258
table, chart, diagram	27	6	—	6	154–157		769–771	140, 173, 187, 205, 219, 236, 251, 258
conclusions from data	21	25	11	—	157, 160, 163	149–172	772–777	10, 140, 178, 187, 205, 219, 251, 258
appropriate data display	18, 26	13, 39	—	—	157	149–172	772–777	140, 236, 258
Statistics and Probability								
probability	17, 25	21	—	—	151–152	173–180	778–782	158, 179
statistics	37	22, 41	17	19	158	181–184, 205, 219, 251		20, 173, 187,
sampling	44	50	23	25	153	181–184		
Patterns, Functions, Algebra								
number pattern	—	2	—	—	99			
variable, expression, equation	13, 32	40	8, 13	—	103–105, 109	196–199	785–792	14–15
function	45, 46	20	—	14	102			
inequality	22	33	9	16	105, 108–109		712, 727–729	
linear equation	47	26, 42	—	20	106–107, 109–110	196–203	789–798	27–33, 92–93, 259–261
Problem Solving and Reasoning								
solve problem	31	12	12	10	32–37, 70, 78	34–43, 45–49	689–696	2–7, 22, 59–60, 108–109
identify missing/extra information	23, 49	11, 43	—	9	34	45–49	691–692	61, 144–145
evaluate solution	42	8	21	—	32–37	34–49	697–702	8–9, 141

* *The Math Problem Solver* can be substituted for *The GED Math Problem Solver*.

** All pages of “Check Your Understanding” and “GED Practice” contain computation in context problems.

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