

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 A</i>	<i>GED Mathematics</i>	<i>Complete GED and Essential GED*</i>	<i>GED Math Problem Solver and Top 50 Math Skills **</i>
Decimals								
addition	3, 7	1, 6	4	1	36	82–83	C: 733–736 E: 355–356	M: 189 T: 18–19, 141
subtraction	1, 22	13, 23	1	9	37	84–85	C: 733–736 E: 355–356	M: 189 T: 18–19, 141
multiplication	15, 20	17, 26	10	17	38–41	85–87	C: 737–738, 741–742 E: 357–358	M: 189 T: 22–23, 142
division	14, 30	15, 31	8	11	42–44	88–92	C: 739–742 E: 358–360	M: 190 T: 22–23, 142
Fractions								
addition	8, 24	7, 20	14	14	56, 58	115–117	C: 762–765 E: 372–374	M: 164–169 T: 26–27, 132–134, 140
subtraction	5, 18	5, 18	3	5	57–58	117–120	C: 762–765 E: 372–374	M: 166–169 T: 26–27, 132–134
multiplication	26, 37	34, 37	17	23	59–61, 83	120–123	C: 766–767 E: 375–376	M: 180 T: 28–29, 135
division	25, 34	33, 38	19	25	62–63, 83	123–124	C: 768–769 E: 376–377	M: 182 T: 28–29, 136–137
Integers								
addition	10, 12	12, 16	6	7	70	281–285	C: 778–781 E: 369, 380–384	M: 48–52 T: 146
subtraction	21, 29	2, 39	15	2	71	285–287	C: 778–781 E: 369, 380–384	M: 48–52 T: 146
multiplication	19, 23	4, 10, 14	13	4	72	287–289	C: 781–783 E: 384–385	M: 96–97 T: 147
division	2, 16, 27	8, 24	11, 16	6, 15	72	289–292	C: 781–783 E: 384–385	M: 96–97 T: 147



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Percents								
percents	6, 17, 31, 35, 38	9, 25, 28, 32, 35	12, 20, 22, 24	16, 18, 21, 24	82–83	149–182	C: 793–808 E: 400–407	M: 226–237, 242–250 T: 32–33, 38–39, 140, 143–144
Order of Operations								
order of operations	13, 28, 33, 36, 40	19, 21, 27, 36, 40	9, 18, 21, 23	10, 12, 20, 22	17	43, 291	C: 714–717, 722–724 E: 343–344	M: 100–103, 104, 117–119 T: 20–21
Algebraic Operations								
computation with roots & radicals	9, 32	3, 30	5	3	16	32–36	C: 712–714 E: 341–343	M: 114–117, 121–122 T: 20–21
computation with exponents	11	11	7	8	17, 111	336–342	C: 711–712 E: 341–343, 425–428	M: 114–117 T: 20–21, 145, 148
solve equations	4	22	2	13	111, 113, 118–119, 121, 123–125	294–303, 308–316, 336–342	C: 838–845 E: 412–413, 415–416	M: 30–33, 92–93, 232–234 T: 94–95, 98–99, 104–107
simplify expressions	39	29	25	19	120–122	292–294	C: 847–848 E: 408–411, 414–415, 425–428	M: 15 T: 96–97, 100–101

Test 3 Applied Mathematics

Number and Number Operations								
equivalent forms	42	48	21	—	20, 49–52, 84–85, 113	124–127	C: 749–757, 793–796 E: 341–343, 366–371	M: 88–93, 154–157 T: 30–31
factors, multiples, divisibility	3	11	—	—	55, 58, 61	20, 39–43, 339–340	C: 741–742, 864–869 E: 341–343, 426–428	M: 102–103 T: 24–25

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percent	44	9, 43	—	3, 22	82, 90	149–155, 165–166, 165–175	C: 793–808 E: 400–407	M: 226–235, 242–250 T: 32–33, 38–39, 140, 143–144
ratio, proportion	41, 43	44	20	—	76–82	137–148, 165–166	C: 785–792 E: 386–389	M: 202–211, 214–219, 231–232 T: 34–35, 36–37, 50–51, 52–53, 138, 139
exponents, scientific notation	50	40	25	2	13–15, 33, 39–41	32–34, 93–94, 127–129	C: 711–712, 730–733 E: 341–342, 354	M: 114–117, 137–138 T: 20–21, 145, 148
Computation in Context								
decimals	—	5, 38	—	20	45	95–102	C: 725–746 E: 355–360	++ M: 188, 237 T: 18–23
fractions	16, 22	—	2	—	64–65	129–132	C: 769–774 E: 378–379	++ M: 172, 188 T: 26–29
percents	14, 29	7, 45	3	23	91	167–182	C: 800–808 E: 404–407	++ M: 234, 237 T: 38–39
Estimation								
estimation	9, 11, 26	2, 4	5, 11	1	28, 54, 65	25–28	C: 742–746 E: 360	M: 17, 59, 72–74, 94–95, 121–122, 138–139, 170–171, 181 T: x–xi, 14–15, 64, 74
rounding	2	41	1	—	18–19, 29	24–25	C: 729–730 E: 353	M: 72–74 T: xi
reasonableness of answer	—	30	—	17	103, 105–106	60–63	C: 702–710	M: 8–9, 58–59, 72–74



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Measurement								
length, distance	30	24	—	11	145–146, 149	183–187	C: 873–883 E: 429–434	M: 89–90, T: 149
perimeter	36	—	16		153	234–240	C: 897–899 E: 443–444	M: 13–15, 105
area	38	15, 22, 36	17	18	155	240–249	C: 899–901 E: 444–446	M: 78–83, 116, 130–131 T: 62–63
rate	1	—	—	—	80		C: 785–788, 887 E: 386–387	M: 88–90, 203–204, 223 T: 46–47, 48–49, 138
convert measurement units	—	27, 37	—	19	148, 150–152	188–190	C: 873–875, 879–883 E: 429–430, 433–434	M: 77–78 T: 40–41, 44–45
circumference	46	—	23	—	154	234–240	C: 898–899 E: 443–444	M: 126–129
volume	23	—	12	—	147, 156–157	252–255	C: 902–904 E: 446–448	M: 84–85 T: 64–65
Geometry and Spatial Sense								
plane figure	—	14	—	6	136–138	231–233	C: 897–901 E: 441, 443–446	M: 78–83, 220–221 T: 58–59
angles	—	23, 26	—	12	131–133, 135	224–231	C: 904–908 E: 448–450	M: 38–41 T: 56–57
coordinate geometry	31, 37, 40	13	19	5	140	323–335	C: 854–863 E: 419–424	M: 52–55, 254–261 T: 66–67, 68–69
parts of a circle	45	—	22	—	154	232–233	C: 893–895 E: 440–441	M: 126–128
point, ray, line, plane	32	12	—	—	130–132	223–227	C: 893–894 E: 440–441	M: 44–45
transformations	39	—	18	—	141–142			
Pythagorean theorem	—	25	—	—	139	271–275	C: 908–911 E: 450–452	M: 119–121 T: 60–61

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Data Analysis								
bar, line, and circle graph	33, 34	18, 19, 28	—	9, 15	101–103, 105	197–209	C: 275–282, 824–834 E: 396–399	M: 10, 20, 140, 178, 236, 251, 258, 284–296 T: 78–79, 80–89
table, chart, diagram	17, 18	3	7, 8	—	99–100	209–211	C: 285–286, 820–824 E: 395	M: 15, 20, 140, 173, 187, 205, 219, 236, 284–296 T: 92–93, 104–107
conclusions from data	28, 35	10, 20, 21	14	4, 10	104–106	217–222	C: 820–834 E: 393–394	M: 10, 140, 173, 178, 205, 219, 236, 251, 258 T: 74–75, 76–77, 78–79, 80–89
appropriate data display	6	6	—	—	107	197–211	C: 820–834	M: 140, 187, 258
Statistics and Probability								
probability	4, 21	39	—	—	94–95	212–216	C: 809–814 E: 390–393	M: 158–159, 167, 179 T: 90–93
statistics	15, 25	29, 34	10	16	96–98	217–222	C: 815–819 E: 393–394	M: 10, 15, 20, 140, 173, 178, 187, 205, 219, 236, 251, 258, 284–296, T: 70–71, 76–79, 80–89
sampling	—	49	—	25	98			M: 205 T: 74–75



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Patterns, Functions, Algebra								
number pattern	24, 48	16	9, 24	7	110	36–38	C: 775–778 E: 369, 380–381	M: 48–50 T: 102–103
geometric pattern	13	1, 47	15	—	110			
variable, expression, equation	12, 19	42	6	21	114–117	292–303	C: 835–851 E: 408–413, 425	M: 14–15, 26–33, 67–68, 90–93, 129 T: 98–99, 104–111
function	—	35, 46	—	24	112			M: 141 T: 54–55
inequality	20, 47	17, 50	—	8	117, 126	304–306	C: 852–854 E: 417–418	
linear equation	49	—	—	—	118–119, 121, 123–125	329–331		M: 259–261 T: 108–109
Problem Solving and Reasoning								
solve problem	7, 10, 27	31	13	—	22–25, 73, 81, 125	51–71	C: 702–707, 841–843 E: 410–413	++ M: 30–31, 43, 79, 116, 131
identify missing/extra information	—	32	—	13	24	51–71	C: 702–707	M: 61, 144–145 T: 72–73
model problem situation, solution	8	33	4	14	26–27, 117, 124	51–71	C: 708–710	M: 28–29, 64–65 191–193
evaluate solution	5	8	—	—	102, 104	51–71	C: 702–707	M: 58–59, 72–74

* C = *The Complete GED*; E = *Essential GED*

** M = *The GED Math Problem Solver* or *The Math Problem Solver*; T = *Top 50 Math Skills for GED Success*

++ In *The GED Math Problem Solver*, all pages of “Check Your Understanding” and “GED Practice” contain computation-in-context problems.

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