

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 M</i>	<i>Number Power *</i>	<i>Number Sense **</i>	<i>Math Exercises ***</i>
Addition of Whole Numbers								
no regrouping: up to 3 digits	7	—	1, 8	3, 5	15–18	1: 15–18	1: 17–25	1: 5, 6
no regrouping: column to 3 digits	1, 2, 9	3, 5	—	—	15–18	1: 15–18	1: 17–25	
regrouping: up to 3 digits	3, 5	—	3, 5	—	1: 19–24	1: 26–29	1: 7	
regrouping: column to 3 digits	—	1, 7	—	1	19–20	1: 19–24	1: 26–29	
regrouping: up to 4 digits	—	10	—	7	19–20	1: 31–32	1: 29–32	
Subtraction of Whole Numbers								
no regrouping: from 2 or 3 digits	4, 11, 17	2, 4	2, 7	2	26–28	1: 35–37	1: 39–44	1: 10, 11
no regrouping: from 4 digits	—	11	—	6	28	1: 38		
regrouping: from 2 or 3 digits	14, 25	8, 9, 13	9	10	29–30	1: 39–41	1: 45–54	1: 12, 13
regrouping: from 4 digits	27	26	16	16	29–30	1: 41–48	1: 55–61	
Multiplication of Whole Numbers								
no regrouping: by 1 digit	8, 12	12	4	9	36–38	1: 62–65	2: 7–15	1: 16
no regrouping: by 2+ by 1 digits	15, 18	16, 24, 27	10, 12	11, 14	41–42	1: 66–70	2: 19	1: 17
regrouping: by 1 digit	6, 10	6	6	4	39	1: 71–72	2: 16–18	1: 18–20
regrouping: by 2+ digits	26	18, 30	17	18	43	1: 72–75	2: 20–24	1: 18–20

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Division of Whole Numbers								
no remainder: by 1 digit	20, 22, 28	19, 22	14, 18	13	48–52	1: 90–98	2: 30–35,	1: 22, 23 42–43
no remainder: by 2+ digits	39	—	24	—	58	1: 100–106	2: 44, 53–55	
remainder: by 1 digit	32, 35	25, 29, 40	22	15, 20, 24	53–57		2: 36–41	1: 24, 25
remainder: by 2+ digits	—	38	—	—	58	1: 109–110	2: 45, 53–55	1: 26
Decimals								
addition	16, 21, 24	17, 23, 32	11, 15	12, 19	89	2: 73	3: 26–44	2: 12, 13
subtraction	13, 36	15, 20	13	8	90	2: 75	3: 45–67	2: 14, 15
multiplication	30, 34	14, 34	20	22	91	2: 79–82	4: 7–31	2: 17, 18, 19
Fractions								
addition	31, 33, 37, 40	33, 35, 36, 39	21, 25	21, 23	71	2: 22–28	5: 7–39	3: 7–11
subtraction	19, 23, 29, 38	21, 28, 31, 37	19, 23	17, 25	71	2: 31–36	5: 39–67	3: 13–17

Test 3 Applied Mathematics

Number and Number Operations								
read, recognize numbers	—	2	—	—	10, 64, 85–86	2: 64–65	1: 10–12	2: 3–5, 7
money	23	10	—	10	31		3: 36–44, 69–71 4: 66–73	1: 4, 8, 14, 20, 23
operations sense	31	36, 48	17	23	44–59			4: 5–7
compare, order	6	4	—	—	11, 69, 88	2: 70	1: 14–16 6: 21–26, 35–40	2: 6
place value	22	30	—	19	8–9, 84	1: 6–10 2: 62–63	1: 7–11 3: 7–25	2: 4, 5, 10–11
fractional part	39	45	21	—	63	2: 11–20	6: 7–20	3: 3–6
operation properties	42	—	—	—	15, 26, 36, 48, 114–115			

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equivalent forms	10, 48	49	1	24	9, 65, 67–68, 74–81, 86–87	2: 68–69	6: 27–34 7: 7–33	3: 6
number line	8	38	13	—	131–134	3: 11–17		6: 3
factors, multiples, divisibility	1	6	—	1	40, 60, 70			
Computation in Context								
whole numbers	5, 16, 30	12, 39	—	—	22, 32, 44, 59	1: 27–30, 52–56, 79–83, 111–116 6: 18–39, 61–88	1: 33–38, 63–74 2: 57–74	1: 9, 15, 21, 27, 29
decimals	—	9, 46	—	6	93	2: 74, 77, 84–85 6: 40–51	3: 36–44, 57–74 4: 24–31, 51–74	2: 16, 20
fractions	38	35	20	18	77	2: 30, 37–38, 6: 52–55	5: 32–38, 59–74	3: 12, 18
Estimation								
estimation	14, 19, 28	5, 43	9, 15	21	31–32, 43, 55, 74	1: 25–26, 50–51, 76–78, 107–108 2: 44	2: 46–52 4: 8–9	2: 8–9
rounding	21	3	—	—	12, 21, 31, 92	1: 11–12, 25–26, 50–51, 76–78, 107–108 2: 44, 71–72	2: 50	1: 3, 4 2: 10–11
reasonableness of answer	33	20	—	9	21, 59			
Measurement								
use ruler	37	42	19	20	131–133	2: 134–135 9: 12–13		7: 4, 5
appropriate unit	35	44	—	4	124–125			7: 14–21
time	27	19	—	8	137–140	9: 128–145		
temperature	—	37	—	—	134	9: 74–83 3: 180–181	3: 68	7: 25–26

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length, distance	34, 44	—	22	—	125–127	2: 147–149 4: 82–85 9: 28–37	1: 71 6: 64–67	7: 6–11
perimeter	45	18, 24	23	7	135	1: 135–136 2: 136–137 4: 88–89		5: 20
Geometry and Spatial Sense								
symmetry	—	23	—	—	151			
congruence, similarity	3, 9	22, 29	3	—	152–153	4: 52–61 14–15		5: 8–11,
solid figure	17	17	12	2	154	4: 125–142		5: 26, 27
visualization, spatial reasoning	—	1	—	—	150, 155	4: 176–177, 182–183		
parallel, perpendicular	24, 25	50	—	25	145	4: 18–19, 30–33		5: 8–9
triangles	36	—	14	—	148	4: 38–69		5: 10–11, 14–15, 18–19, 24
Data Analysis								
bar, line, and circle graph	40	11, 25, 26	—	11, 22	102–106	5: 12–67		8: 12–17
table, chart, diagram	4, 11, 26	—	4, 6	—	96–99	1: 159–161		8: 3–5
conclusions from data	7, 12, 41	13, 28	5, 7	—	97, 104–106	5: 12–67, 77–95		8: 18–19
appropriate data display	—	33	—	16				
Statistics and Probability								
probability	49, 50	14, 15	24, 25	—	107			8: 20–26
statistics	15, 43	27, 31	10	13, 14	100–101	5: 166–181		
Patterns, Functions, Algebra								
number pattern	2	21	2	—	112			
geometric pattern	—	34	—	17	110–111			

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variable, expression, equation	20	16, 40	11	3	117–121	3: 38–49, 52–63, 68–80		4: 14–16 6: 8–11, 14–23
function	46, 47	47	—	22	116			
Problem Solving and Reasoning								
solve problem	13, 32	7	8, 18	—	22–23, 32–33, 59, 77, 93	6: 10–17		4: 3, 10–13
identify missing/ extra information	29	32	16	15	23, 33, 45	6: 14–17		4: 4, 18–19
model problem situation, solution	18	8, 41	—	5	60, 93	6: 34–36, 48–49, 54, 72–76		

* Number Power 1: Addition, Subtraction, Multiplication, Division; 2: Fractions, Decimals, Percents; 3: Algebra; 4: Geometry; 5: Graphs, Tables, Schedules, Maps; 6: Word Problems; 9: Measurement

** Number Sense 1: Whole Numbers, Addition & Subtraction; 2: Whole Numbers, Multiplication & Division; 3: Decimals, Addition & Subtraction; 4: Decimals, Multiplication & Division; 5: Fractions, Addition & Subtraction; 6: Fractions, The Meaning of Fractions; 7: Ratio & Proportion

*** Math Exercises 1: Whole Numbers and Money; 2: Decimals; 3: Fractions; 4: Problem Solving & Applications; 5: Geometry; 6: Pre-Algebra; 7: Measurement; 8: Data Analysis & Probability

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