

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 E</i>	<i>Number Power *</i>	<i>Number Sense **</i>	<i>Math Exercises ***</i>
Addition of Whole Numbers								
no regrouping: up to 3 digits	1	2, 4	—	2	27–28	1: 15–18	1: 17–25	1: 5, 6
no regrouping: column to 3 digits	2, 4	1	1, 2	1	29–30	1: 15–18	1: 17–25	
regrouping: up to 4 digits	21	25	10	17	30	1: 17–18		
regrouping: up to 3 digits	5, 7	—	4	—	31–32	1: 19–24	1: 26–29	1: 7
regrouping: column to 3 digits	9, 13, 18	6, 8, 10, 15, 27	6, 14	5, 8, 19	33	1: 19–24	1: 26–29	1: 7
Subtraction of Whole Numbers								
no regrouping: from 2 or 3 digits	3, 6, 8, 11	5, 7, 9, 14	3, 5, 8	4, 6, 7	37–39	1: 35–37	1: 39–44	1: 10, 11
regrouping: from 2 or 3 digits	14, 26, 35, 37	17, 24, 33, 35	13, 18	10, 21	40–43	1: 39–41	1: 45–54	1: 12, 13
Multiplication of Whole Numbers								
no regrouping basic facts	10, 12, 15	3, 11, 16	7, 9	3, 9	47–48	1: 62–65	2: 7–14	1: 16
no regrouping: by 1 digit	17, 19	13, 18	11	11	49	1: 62–65	2: 7–15	1: 16
regrouping: by 1 digit	22, 27, 29	22, 28, 31	15, 20	15, 18	50–52	1: 71–72	2: 16–18	1: 18–20
Division of Whole Numbers								
no remainder: basic facts	28	20	17	13	56–59	1: 90–92	2: 30–35	1: 22
no remainder: by 1 digit	31, 33, 40	32, 36, 38	19, 21	22, 24	60–61	1: 90–98	2: 30–35, 42–43	1: 22, 23
remainder: by 1 digit	24, 34, 36, 38	30, 34, 39, 40	23, 25	20, 25	62–64	1: 96–98	2: 36–41	1: 24, 25

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Decimals								
addition	20, 23, 25	12, 21, 23	12, 16	14, 16	33	2: 73	3: 26–44	2: 12, 13
subtraction	16, 30, 32, 39	19, 26, 29, 37	22, 24	12, 23	33	2: 75	3: 45–67	2: 14, 15

Test 3 Applied Mathematics

Number and Number Operations								
counting	26	27	—	19	12			
ordinal numbers	11	28	—	20	12			
odd, even numbers	14	—	—	—	13			
read, recognize numbers	17	9, 32	7	6	10	2: 64–65	1: 10–12	2: 3–5, 7
money	—	45	—	24	23–24		3: 36–44, 69–71 4: 66–73 6: 68–69	1: 4, 8, 14, 20, 23
operations sense	25	30	12	—	73, 100		2: 61–66	4: 5–7
compare, order	8	—	6	—	11, 24	2: 70	1: 14–16 6: 21–26, 35–40	2: 6
place value	18	22	8	—	8–9	1: 6–10 2: 62–63	1: 7–11 3: 7–25	2: 4, 5, 10–11
fractional part	28	19	13	—	19–20	2: 11–20	6: 7–20	3: 3–6
operation properties	12	23	—	—	27, 37, 47, 56			
equivalent forms	2	13	—	9	21–22, 24	2: 68–69	6: 27–34 7: 7–33	3: 6
Computation in Context								
whole numbers	9, 19, 35	7, 33	16	14	72, 74–77, 87	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	5, 39	4, 5, 12	3, 19	8	72, 74–77, 81, 85	2: 74, 77, 84–85 6: 40–51	3: 36–44, 57–74 4: 24–31, 51–74	2: 16, 20
fractions	46	18, 24	—	13	74–77, 83, 88	2: 30, 37–38, 6: 52–55	5: 32–38, 59–74	3: 12, 18



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Estimation								
estimation	36, 43, 44	31, 40	23, 24	—	17–18, 34, 44, 53, 65, 72, 113	1: 25–26, 50–51, 76–78, 107–108 2: 44	2: 46–52	2: 8–9 4: 8–9
rounding	15	11, 36	—	7	14–16	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	49	26	—	15	18	6: 10, 31–36, 44–47, 56–57, 72–76, 77–79, 137–141 7: 24–35, 144–152	1: 34, 64 2, 25, 57	
Measurement								
appropriate tool	20	2	—	—	107	9: 35–37, 57, 62, 72–73, 90–91, 98–99		7: 14, 16, 20–21
calendar	6	8	4	5	84		1: 72	
use ruler	—	3	—	—	108–110	2: 134–135 9: 12–13	6: 64–67	7: 4, 5
appropriate unit	4	46	—	25	112–118	9: 35, 58–62, 72–73, 92–93		7; 14–21
time	7	—	5	—	119–121	9: 128–145	6: 73–74	
length, distance	—	25	—	14	112–116	2: 147–149 4: 82–85 9: 28–37	1: 71 6: 64–67	7: 6–11
mass, weight	16	—	9	—	117	1: 135–136 2: 136–137 4: 88–89 9: 54–73, 90–107		5: 20

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Geometry and Spatial Sense								
congruence, similarity	10, 22	1	2	1	130–131	4: 52–61 X: 124–126		5: 8–11, 14–15
plane figure	13	20	—	—	125–126	4: 73–121 X: 112–119		5: 18–25
solid figure	34	10	—	—	127	4: 125–142 X: 120–121		5: 26, 27
visualization, spatial reasoning	30	44, 48	15	23	128–129	4: 176–177, 182–183		5: 14–15, 18–19
Data Analysis								
bar, line, circle graph	41, 42	6, 49	21, 22	3	86–89	5: 12–67 X: 76–85		8: 12–17
table, chart, diagram	21, 23, 31, 32	37	10	16	80–85, 122	1: 159–161 X: 74–75		8: 3–5
conclusions from data	37	16, 38, 47	17	12, 17	99	5: 12–67, 77–95		8: 18–19
Statistics and Probability								
probability	47, 48	41	25	—	91–92	8: 92–98 X: 88–105		8: 20–26
statistics	24, 50	17, 34, 35	11	21, 22	90	5: 166–181 8: 11–25, 114–119		4: 17–23 8: 3–9
Patterns, Functions, Algebra								
missing element	1	43	—	2	100–101	X: 140–143		6: 8, 9
number pattern	3, 33	21	1	—	97–98	X: 64–65		
geometric pattern	29	29	14	—	95–96	X: 134–137		
variable, expression, equation	—	14	—	10	102–104	X: 146–156,		4: 14–16 6: 8–11, 14–23
Problem Solving and Reasoning								
solve problem	27, 38, 40	15	18, 20	11	68–69, 74–77	6: 10–17 X: 32–41		4: 3, 10–13
identify missing/extra information	45	42, 50	—	—	70–71	6: 14–17 X: 43		4: 4, 18–19



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model problem situation, solution	—	39	—	18	73	6: 34–36, 48–49, 54, 72–76 X: 54–67		

* Number Power 1: Addition, Subtraction, Multiplication, and Division; 2: Fractions, Decimals, and Percents; 4: Geometry; 5: Graphs, Charts, Schedules, and Maps; 6: Word Problems; 7: Problem-Solving and Test-Taking Strategies; 8: Analyzing Data; 9: Measurement; X: Pre-Algebra

** 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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