

5th Grade Accelerated Math Objectives

	Objective	Diagnostic	Practice	Exercise	Test	Date Mastered
1	Place value of digit in whole number (4+ digits)					
2	Standard to expanded form (3+ digits)					
3	Standard form to word name (3+ digits)					
4	Word name to standard form (3+ digits)					
5	Expanded to standard form (3+ digits)					
6	Compare whole numbers (2+ digits)					
7	Order whole numbers (2+ digits)					
8	Round whole numbers (2+ digits)					
9	Compare, round, and order whole numbers (2+ digits)					
10	Odd and even numbers.					
11	Prime and composite numbers					
12	Factors of composite numbers					
13	Prime factorization					
14	Multiples of whole numbers					
15	Add 2 whole numbers					
16	Add 3 or more whole numbers					
17	Word Problems: Add whole numbers					
18	Estimate sums, round to greatest (3-5 digits)					
19	Estimate sums, round to 10, 100, 1000					
20	Word Problems: Estimate sums, round (3-5 digits)					
21	Estimate sums, front-end with adjustment					
22	Word Problems: Estimate sums, front-end with adjustment					
23	Subtract whole numbers (3-6 digits)					
24	Subtract 3 or more whole numbers					
25	Word Problems: Subtract whole numbers					
26	Estimate differences, round					
27	Word Problems: Estimate differences, round					
28	Word Problems: Too much information					
29	Word Problems: Not enough information					
30	Multiply by 1-digit					
31	Multiply by 2 or more digits					
32	Word Problems: Multiply whole numbers					
33	Multiply by a multiple of 10					
34	Multiply by a power of 10					
35	Properties of multiplication					
36	Estimate products, round (2-4 digits)					
37	Word Problems: Estimate products, round (2-4 digits)					

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38	Write and evaluate exponents					
39	Divide by 1-digit, no remainder					
40	Divide by 1-digit, remainder					
41	Word Problems: Divide by 1-digit					
42	Divide by 2-digit					
43	Word Problems: Divide by 2-digit					
44	Divide by multiple of 10					
45	Estimate quotients, compatible numbers (2-4 digits)					
46	Word Problems: Estimate quotients, compatible numbers (2-4 digits)					
47	Word Problems: 2-step with whole numbers					
48	Model decimals (to hundredths)					
49	Place value with decimals (to ten-thousandths)					
50	Decimal standard form to word name					
51	Word name to decimal standard form					
52	Order decimals					
53	Round decimals					
54	Add money expressions					
55	Word Problems: Add money expressions					
56	Add same-place decimals (to thousandths)					
57	Add varied-place decimals (to thousandths)					
58	Word Problems: Add decimals					
59	Subtract money expressions					
60	Word Problems: Subtract money expressions					
61	Subtract same-place decimals (to thousandths)					
62	Subtract varied-place decimals (to thousandths)					
63	Word Problems: Subtract decimals					
64	Estimate decimal sums, round					
65	Word Problems: Estimate decimal sums, round					
66	Estimate decimal differences, round					
67	Word Problems: Estimate decimal differences, round					
68	Multiply money expressions by 1- and 2-digit whole numbers					
69	Word Problems: Multiply money expressions by whole numbers					
70	Multiply decimals by whole numbers (1-2 digits)					
71	Multiply decimals (to thousandths)					
72	Multiply decimals by powers of 10					
73	Word Problems: Multiply decimals					
74	Estimate decimal products, round					

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75	Word Problems: Estimate decimal products, round					
76	Divide money expressions by 1- and 2-digit whole numbers					
77	Word Problems: Divide money expressions					
78	Divide decimals by 1-digit whole numbers					
79	Word Problems: Divide decimals by whole numbers					
80	Model fractions and mixed numbers					
81	Model fractions and mixed numbers on number lines					
82	Word Problems: Name fraction of a whole or set					
83	Simplify fractions					
84	Greatest common factor					
85	Least common multiple					
86	Model equivalent fractions					
87	Equivalent fractions					
88	Proper and improper fractions					
89	Mixed numbers to improper fractions					
90	Improper fractions to mixed numbers					
91	Compare fractions					
92	Order fractions, like denominators					
93	Order fractions, unlike denominators					
94	Find reciprocals					
95	Add like fractions					
96	Add like mixed numbers					
97	Word Problems: Add like fractions and mixed numbers					
98	Add unlike fractions					
99	Add unlike mixed numbers					
100	Word Problems: Add unlike fractions and mixed numbers					
101	Subtract like fractions					
102	Subtract like mixed numbers					
103	Subtract unlike fractions					
104	Subtract mixed numbers from whole numbers					
105	Subtract unlike mixed numbers, no regroup					
106	Subtract mixed numbers, regroup					
107	Word Problems: Subtract fractions					
108	Multiply fractions					
109	Multiply fractions by whole numbers					
110	Word Problems: Multiply fractions by whole numbers, fractions					
111	Multiply mixed numbers by fractions					

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112	Word Problems: Multiply mixed numbers by whole numbers, fractions					
113	Multiply mixed numbers					
114	Divide whole numbers by fractions					
115	Word Problems: Divide whole numbers by fractions					
116	Estimate customary measure					
117	Measure customary length					
118	Convert customary length					
119	Convert customary weight					
120	Convert customary capacity					
121	Estimate metric measure					
122	Measure metric length					
123	Convert metric length					
124	Convert metric weight					
125	Convert metric capacity					
126	Calculate elapsed time					
127	Read calendars					
128	Read thermometers					
129	Count money					
130	Word Problems: 2-step with money					
131	Points, lines, segments, rays, and angles					
132	Intersecting, parallel, and perpendicular lines					
133	Classify angles					
134	Measure angles					
135	Identify polygons					
136	Classify quadrilaterals					
137	Congruent and similar figures					
138	Lines of symmetry					
139	Flips, turns, and slides					
140	Solids					
141	Count faces, edges, and vertices					
142	Parts of a circle					
143	Plot and name ordered pairs (first quadrant)					
144	Perimeter of rectangles					
145	Perimeter of polygons					
146	Word Problems: Perimeter					
147	Area by counting					
148	Area of rectangles					

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	Objective	Diagnostic	Practice	Exercise	Test	Date Mastered
149	Area of parallelograms					
150	Word Problems: Area					
151	Volume of rectangular prisms and cubes					
152	Word Problems: Volume of rectangular solids					
153	Identify nets (patterns) of solids					
154	Pictographs					
155	Bar graphs					
156	Line graphs					
157	Double bar graphs					
158	Double line graphs					
159	Circle graphs					
160	Stem-and-leaf plots					
161	Time schedules					
162	Means of data sets					
163	Medians of data sets					
164	Modes of data sets					
165	Ranges of data sets					
166	Find possible outcomes					
167	Probability of single events					
168	Fractions to decimals					
169	Decimals to fractions					
170	Mixed numbers to decimals					
171	Find percents with models					
172	Percent of a number					
173	Word Problems: Percent of a number					
174	Convert decimals and percents					
175	Fractions to percents					
176	Identify ratios					
177	Properties of addition					
178	Write ratios as fractions					
179	Write ratios, all forms					
180	Equivalent ratios, same form					
181	Missing terms in number patterns					
182	Terms described in number patterns					