

Test 5 Calculation

<p>A.</p> <div style="border: 1px solid black; width: 80px; height: 80px; margin: 20px auto;"></div>	<p>B.</p> <div style="border: 1px solid black; width: 80px; height: 80px; margin: 20px auto;"></div>	<p>1.</p> $2 + 2 = \square$	<p>2.</p> $1 + 1 = \square$	<p>3.</p> $2 + 1 = \square$
<p>4.</p> $6 + 1 = \square$	<p>5.</p> $2 + 4 = \square$	<p>6.</p> $\begin{array}{r} 3 \\ - 2 \\ \hline \end{array}$	<p>7.</p> $\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$	<p>8.</p> $3 - 1 = \square$
<p>9.</p> $5 - 1 = \square$	<p>10.</p> $\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$	<p>11.</p> $\begin{array}{r} 17 \\ - 9 \\ \hline \end{array}$	<p>12.</p> $\begin{array}{r} 89 \\ - 18 \\ \hline \end{array}$	<p>13.</p> $\begin{array}{r} 5 \\ \times 3 \\ \hline \end{array}$
<p>14.</p> $\begin{array}{r} 476 \\ 61 \\ + 2,611 \\ \hline \end{array}$	<p>15.</p> $\begin{array}{r} 2 \overline{)8} \end{array}$	<p>16.</p> $\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$	<p>17.</p> $\begin{array}{r} 13 \\ \times 7 \\ \hline \end{array}$	
<p>18.</p> $\begin{array}{r} 48 \\ - 19 \\ \hline \end{array}$	<p>19.</p> $\begin{array}{r} 14 \\ \times 6 \\ \hline \end{array}$	<p>20.</p> $\begin{array}{r} \frac{2}{3} \\ - \frac{1}{3} \\ \hline \end{array}$	<p>21.</p> $42 \overline{)126}$	
<p>22.</p> $48 \overline{)288}$	<p>23.</p> $\begin{array}{r} \frac{7}{8} \\ - \frac{2}{8} \\ \hline \end{array}$	<p>24.</p> $25 \overline{)3250}$	<p>25.</p> $\begin{array}{r} 3\frac{3}{4} \\ + 4\frac{1}{8} \\ \hline \end{array}$	

<p>26.</p> $\begin{array}{r} 1.05 \\ \times .2 \\ \hline \end{array}$	<p>27.</p> $\begin{array}{r} 2\frac{6}{7} \\ + 5\frac{1}{2} \\ \hline \end{array}$	<p>28.</p> $\begin{array}{r} -18 \\ + 12 \\ \hline \end{array}$	<p>29.</p> $\begin{array}{r} -6 \\ \times 7 \\ \hline \end{array}$
<p>30.</p> $\frac{4}{7} \div \frac{1}{2} =$	<p>31.</p> $\sqrt[3]{125} =$	<p>32.</p> $\begin{array}{l} 2x + 4y = 16 \\ 3x - y = 3 \\ x = \\ y = \end{array}$	<p>33.</p> <p>Solve for x:</p> $x^2 + 2x - 3 = 0$
<p>34.</p> <p>12% of 6.0 =</p>	<p>35.</p> $\left(\frac{4b}{3y}\right) \left(\frac{-4y}{12b^2}\right) =$	<p>36.</p> $8\frac{1}{2} \div 4\frac{1}{8} =$	<p>37.</p> $\log_b 81 = 4$ <p>b =</p>
<p>38.</p> <p>Simplify:</p> $\sqrt{\frac{4a^2}{16}} =$	<p>39.</p> $\sqrt{0.0025} =$	<p>40.</p> $\begin{array}{l} f(x) = 6x^3 \\ f'(x) = \end{array}$	<p>41.</p> $\begin{array}{l} \cos \theta = \frac{\sqrt{3}}{2} \\ \theta = \end{array}$
<p>42.</p> $2y = 6x + 8$ <p>Slope =</p> <p>y intercept =</p>	<p>43.</p> <p>Evaluate:</p> $\begin{vmatrix} 8 & 2 \\ -4 & 1 \end{vmatrix} =$	<p>44.</p> $\int_1^3 3x^2 dx =$	<p>45.</p> $\begin{array}{l} \tan \theta = 1 \\ \sin \theta = \end{array}$

Test 5 Calculation

Basal: 6 lowest correct
Ceiling: 6 highest incorrect

Score 1, 0

A	1
B	3

- 1 ___ 4
- 2 ___ 2
- 3 ___ 3
- 4 ___ 7
- 5 ___ 6
- 6 ___ 1
- 7 ___ 3
- 8 ___ 2
- 9 ___ 4
- 10 ___ 16
- 11 ___ 8
- 12 ___ 71
- 13 ___ 15
- 14 ___ 3,148
- 15 ___ 4
- 16 ___ 40
- 17 ___ 91
- 18 ___ 29
- 19 ___ 84
- 20 ___ $\frac{1}{3}$
- 21 ___ 3
- 22 ___ 6
- 23 ___ $\frac{5}{8}$
- 24 ___ 130
- 25 ___ $6\frac{7}{8}$
- 26 ___ .21
- 27 ___ $8\frac{5}{14}$
- 28 ___ -6
- 29 ___ -42
- 30 ___ $1\frac{1}{7}$
- 31 ___ 5
- 32 ___ $x = 2$ and $y = 3$
- 33 ___ $x = -3$ or $x = +1$
- 34 ___ .72
- 35 ___ $\frac{-4}{9b}$
- 36 ___ $2\frac{2}{33}$
- 37 ___ 3
- 38 ___ $\frac{a}{2}$
- 39 ___ 0.05
- 40 ___ $18x^2$
- 41 ___ 30°
- 42 ___ Slope = 3
y intercept = 4
- 43 ___ 16
- 44 ___ 26
- 45 ___ $\frac{1}{\sqrt{2}}$

<input type="checkbox"/>	Number Correct (0-45)
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Test 5 Calculation Scoring Table

Encircle row for the Number Correct.

Number Correct	AE (Est)*	GE (Est)*
0	<5-5	<K.2
1	5-6	K.3
2	5-9	K.5
3	6-0	K.7
4	6-3	1.0
5	6-6	1.2
6	6-9	1.4
7	7-0	1.6
8	7-3	1.9
9	7-6	2.1
10	7-9	2.4
11	8-1	2.6
12	8-4	2.9
13	8-8	3.2
14	9-0	3.5
15	9-4	3.8
16	9-8	4.1
17	10-1	4.5
18	10-5	4.9
19	10-10	5.3
20	11-4	5.7
21	11-9	6.2
22	12-4	6.7
23	12-11	7.3
24	13-7	8.0
25	14-4	8.8
26	15-2	9.7
27	16-1	10.8
28	17-1	12.1
29	18-4	12.9
30	19	13.0
>30	>21	>18.0

*AE and GE are estimates of the precise values provided by the software scoring program.

Test 6 Math Fluency

Basal: Item 1
Time Limit: 3 minutes

If not using a stopwatch, record the start and end times in the box below.

Score 1, 0

Time: _____ min. _____ sec.

Number Correct (0-160)

End Time: _____ min. _____ sec.

Start Time: _____ min. _____ sec.

Time: _____ min. _____ sec.

Test 6 Math Fluency Scoring Table

Encircle row for the Number Correct.

Number Correct	AE (Est)*	GE (Est)*
0	<5-8	<K.2
1	5-8	K.2
2	5-7	K.3
3	5-8	K.3
4	5-9	K.4
5	5-10	K.5
6	5-10	K.5
7	5-11	K.6
8	6-0	K.7
9	6-1	K.7
10	6-2	K.8
11	6-3	K.9
12	6-4	1.0
13	6-5	1.0
14	6-5	1.1
15	6-6	1.2
16	6-7	1.2
17	6-8	1.3
18	6-9	1.4
19	6-10	1.4
20	6-11	1.5
21	7-0	1.6
22	7-1	1.7
23	7-1	1.8
24	7-2	1.8
25	7-3	1.9
26	7-4	2.0
27	7-5	2.0
28	7-6	2.1
29	7-7	2.2
30	7-8	2.3
31	7-9	2.3
32	7-10	2.4
33	7-10	2.5
34	7-11	2.6
35	8-0	2.6
36	8-1	2.7
37	8-2	2.8
38	8-3	2.9
39	8-4	2.9
40	8-5	3.0
41	8-6	3.1
42	8-7	3.2
43	8-8	3.3
44	8-9	3.3
45	8-10	3.4
46	8-11	3.5
47	9-0	3.6
48	9-1	3.7
49	9-2	3.7
50	9-3	3.8
51	9-4	3.9
52	9-5	4.0
53	9-6	4.1
54	9-7	4.2
55	9-8	4.2
56	9-9	4.3
57	9-10	4.4
58	9-11	4.5
59	10-0	4.6
60	10-1	4.7
61	10-2	4.8
62	10-3	4.9
63	10-4	4.9
64	10-5	5.0
65	10-6	5.1
66	10-7	5.2
67	10-8	5.3
68	10-9	5.4
69	10-11	5.5
70	11-0	5.6
71	11-1	5.7
72	11-2	5.8
73	11-3	5.9
74	11-4	6.0
75	11-6	6.1
76	11-7	6.2
77	11-8	6.3
78	11-9	6.4
79	11-10	6.5
80	12-0	6.6
81	12-1	6.7
82	12-2	6.8
83	12-3	6.9
84	12-5	7.0
85	12-6	7.1
86	12-7	7.2
87	12-9	7.3
88	12-10	7.4
89	13-0	7.6
90	13-1	7.7
91	13-2	7.8
92	13-4	7.9
93	13-5	8.0
94	13-7	8.2
95	13-9	8.3
96	13-10	8.4
97	14-0	8.5
98	14-1	8.7
99	14-3	8.8
100	14-5	8.9
101	14-6	9.1
102	14-8	9.2
103	14-10	9.4
104	15-0	9.5
105	15-2	9.7
106	15-4	9.8
107	15-6	10.0
108	15-8	10.2
109	15-10	10.4
110	16-1	10.5
111	16-3	10.7
112	16-5	10.9
113	16-8	11.1
114	16-11	11.3
115	17-1	11.6
116	17-4	11.8
117	17-7	12.1
118	17-11	12.3
119	18-2	12.7
120	18-6	12.9
121	18-10	12.9
122	19	12.9
123	19	13.0
124	20	13.0
125	20	13.2
126	21	13.6
127	22	13.9
128	>24	14.2
129	>24	14.5
130	>24	14.8
131	>24	15.1
132	>24	15.3
133	>24	15.6
134	>24	15.8
135	>24	16.1
136	>24	16.3
137	>24	16.6
138	>24	16.8
139	>24	17.0
140	>24	17.2
141	>24	17.4
142	>24	17.6
143	>24	17.8
144	>24	18.0
>144	>24	>18.0

*AE and GE are estimates of the precise values provided by the software scoring program when time is exactly 3 minutes.