

## Academic Assessment: Test of Mathematical Abilities – Third Edition (TOMA-3)

### Overview

The Test of Mathematical Abilities – Third Edition (TOMA-3; Brown, Cronin, & Bryant, 2012) is a norm-referenced assessment tool of mathematical functioning that measures math performance in children aged 8 to 19, and is used to identify and quantify mathematical deficits. The four core subtests are mathematical symbols and concepts, computation, mathematics in everyday life, and word problems. A supplemental option identifies each student’s attitude toward math. The TOMA-3 yields standard scores, percentiles, age/grade equivalents, and a composite score, the Mathematical Ability Index.

### Summary

| Name of Tool/<br>Author (Year)   | Age<br>Range* | Method of Administration/Format  | Approximate<br>Time to<br>Administer | Subscales   |
|--|---------------|--|--------------------------------------|---|
| Test of<br>Mathematical<br>Abilities – Third<br>Edition<br>(TOMA-3)<br>Brown, Cronin,<br>& Bryant (2012) | 8–19          | Group or individual administration,<br>norm-referenced measure of math<br>performance.<br><br>Yields standard scores, percentiles,<br>age/grade equivalents and a<br>composite score, the Mathematical<br>Ability Index. | 60–90 min.                           | Mathematical Symbols and<br>Concepts, Computation,<br>Mathematics in Everyday Life,<br>Word Problems. one<br>supplemental subtest: Attitude<br>Toward Math. Yields a<br>Mathematical Ability Index. |

\*In years except where noted

Availability: Pro-Ed, <http://bit.ly/1FC7wWp>

### Research

NONE

### References

Brown, V., Cronin, M., & Bryant, D. (2012). *Test of Mathematical Abilities* (3<sup>rd</sup> ed.). Austin, TX: Pro-Ed.