

Appendix

Timing Guidelines and Discontinue Rules

Table A1 provides a summary of the item timing guidelines (i.e., when to have a student move on to the next item) and measure discontinue rules.

Table A1 Item Timing Guidelines and Measure Discontinue Rules

Measure	When to move on*	When to discontinue
Number Naming Fluency (NNF)	~3–5 seconds	Student incorrectly names the first 5 numbers.
Quantity Total Fluency (QTF)	~3–5 seconds	Student incorrectly answers the first 5 items.
Quantity Difference Fluency (QDF)	~7–10 seconds	Student incorrectly answers the first 5 items.
Concepts & Applications (CA)	When stuck, say: Give your best guess.	Student incorrectly answers the first 5 items.
Number Comparison Fluency–Pairs (NCF–P)	~3–5 seconds	Student incorrectly answers the first 5 items.
Math Facts Fluency–1 Digit (MFF–1D)	~3–5 seconds	Student incorrectly answers the first 5 items.
Math Facts Fluency–Tens (MFF–T)	~7–10 seconds	Student incorrectly answers the first 4 items.

*Note. The times listed are general guidelines. As noted in the Test Accommodations section of this guide, examiners are given flexibility in determining when to have a student move on to the next item during the timed fluency measures and are encouraged to use their professional judgement on a case-by-case basis.