

Before beginning this program your student should be able to do the following:

- Proficiently count backward from nine, by one and by two respectively
- Recall addition facts for adding zero and adding one (e.g., $3 + 0$ and $3 + 1$)

About the Assessment

This **verbal** assessment will help you evaluate your student's ability to proficiently recall basic addition and subtraction facts (i.e., their ability to recall facts from memory, in 3 seconds or less per fact, without counting or long pauses).

How to Administer the Assessment

1. Give your student reassurance and permission to tell you **what they do NOT know**. It is a real victory when your student is comfortable enough to say to you, "I don't know the answer to that one."
2. Assess your student for a maximum time frame of 1–2 minutes. Then ⌚ **stop and take a break**. Anxiety and frustration will not yield accurate results.
3. Repeat the 1–2 minute sequences until you have asked your student **all** the math facts. The number of facts your student answers each time will vary. This is normal and appropriate!
4. Ask your student each math fact verbally. Mark the assessment as follows:
 - **Make a slash** through the math facts your student answers **correctly**, in 3 seconds or less, with no evidence of counting (e.g., $5\text{--}3$ or $5\text{+}3$).
 - Give **positive feedback** for both correct **and** incorrect answers. This reduces frustration and encourages your student to keep trying. Some quick motivational exclamations might include:

» Keep going!	» You're doing fine!	» Nice job!
» Excellent effort!	» That's it!	» You're working hard!
» Brilliant!	» You've got this!	» Keep trying!
5. Review the results.
 - **Record** the number of math facts **with a slash** (i.e., the total number of correct answers) at the bottom of each fact assessment.
 - Use this information to determine your next steps on the Interpreting Results page.



Directions

1. Ask your student each math fact **verbally**.
2. Make a slash through the facts your student answers **correctly**, in 3 seconds or less, with no hesitation or evidence of counting (e.g., ~~5+3~~ or ~~5+3~~).
3. Record the number of facts marked with a slash at the bottom of the page.

$2 + 2$ $4 + 5$ $6 + 9$ $2 + 5$ $7 + 4$ $3 + 8$ $4 + 4$ $2 + 9$

$3 + 9$ $8 + 7$ $5 + 4$ $9 + 3$ $2 + 7$ $9 + 6$ $7 + 3$ $4 + 7$

$6 + 4$ $3 + 4$ $3 + 2$ $7 + 6$ $2 + 6$ $6 + 8$ $8 + 3$ $8 + 8$

$3 + 5$ $9 + 8$ $8 + 9$ $8 + 5$ $5 + 9$ $9 + 2$ $9 + 9$ $6 + 3$

$8 + 4$ $5 + 8$ $7 + 5$ $4 + 3$ $6 + 2$ $7 + 7$ $2 + 8$ $7 + 2$

$2 + 3$ $8 + 2$ $4 + 6$ $9 + 4$ $8 + 6$ $5 + 6$ $3 + 3$ $9 + 5$

$7 + 9$ $7 + 8$ $5 + 3$ $2 + 4$ $4 + 8$ $4 + 9$ $6 + 5$ $5 + 5$

$6 + 7$ $6 + 6$ $9 + 7$ $3 + 7$ $5 + 7$ $4 + 2$ $5 + 2$ $3 + 6$

Number of addition facts marked with a slash: _____



Directions

1. Ask your student each math fact **verbally**.
2. Make a slash through the facts your student answers **correctly**, in 3 seconds or less, with no hesitation or evidence of counting (e.g., ~~4~~ - 2 or 4 - ~~2~~).
3. Record the number of facts marked with a slash at the bottom of the page.

$5 - 2$ $6 - 2$ $7 - 5$ $13 - 9$ $7 - 4$ $13 - 8$ $5 - 3$ $11 - 8$

$6 - 4$ $8 - 5$ $14 - 6$ $15 - 8$ $14 - 7$ $11 - 9$ $8 - 6$ $10 - 6$

$9 - 6$ $12 - 7$ $10 - 7$ $12 - 5$ $15 - 6$ $9 - 5$ $16 - 9$ $17 - 8$

$12 - 8$ $11 - 5$ $11 - 7$ $9 - 4$ $12 - 9$ $7 - 2$ $10 - 5$ $18 - 9$

$14 - 5$ $14 - 9$ $7 - 3$ $6 - 3$ $11 - 2$ $12 - 4$ $10 - 3$ $8 - 3$

$11 - 6$ $13 - 4$ $17 - 9$ $16 - 8$ $13 - 6$ $13 - 7$ $15 - 7$ $9 - 2$

$10 - 2$ $14 - 8$ $16 - 7$ $11 - 3$ $10 - 8$ $15 - 9$ $13 - 5$ $12 - 3$

$8 - 4$ $9 - 7$ $12 - 6$ $8 - 2$ $9 - 3$ $4 - 2$ $11 - 4$ $10 - 4$

Number of subtraction facts marked with a slash: _____



Transfer the results you recorded at the bottom of the respective addition and subtraction assessments in the spaces below to determine if the *Accelerated Individualized Mastery (AIM) for Addition and Subtraction* program is the right solution for your student.

Add the numbers recorded at the bottom of the addition and subtraction sheets:

Addition Results: _____

Subtraction Results: + _____

Total: _____

Please save this total score, as you will refer to it to evaluate your student's progress at the end of the program. If you purchase the program, this total score can be transferred to the designated space on the Next Steps page in the Resource Guide.

★ Total is 109 or more

If your student can recall 109 or more of the facts (i.e., 85% or more of the facts can be recalled):

The *AIM for Addition and Subtraction* program may not be the most appropriate solution for your student. Visit placement.mathusee.com to learn which Math-U-See level may be a better option for your student.

☆ Total is 108 or less

If your student can recall fewer than 109 of the math facts (i.e., less than 85% can be recalled):

Be encouraged! Knowing this information is necessary for a successful remediation. The *AIM for Addition and Subtraction* program will help your student build math fact fluency. Specifically, this accelerated program replaces counting methods with more effective strategies to move the facts to long-term visual memory so they can “see” the fact and retrieve it quickly.

- » Teaches specific fact strategies
- » Encourages an attitude of success
- » Uses visual and verbal cues
- » Incorporates focused and frequent practice
- » Adapts to student's pace of mastery
- » Builds conceptual understanding
- » Includes a variety of activities and games
- » Provides timely feedback

To order, call 888-854-6284 and select option 1, or visit store.demmelearning.com.

