



Two-Prompt Interview Protocol

Tool 6 from *Math Fact Fluency*

About Interviews as Assessment Tools:

Interviewing provides important insights about whether students know how to use a strategy, encourages student to articulate their thinking, and if asked during game play, exposes other students to a variety of ways to find the answer. While Interviews may be the best way to learn about what students know, they may require pre-planning. These tips can help:

- Plan on 1-2 minutes per child for *most* interviews.
- Use no more than 12 facts.
- Cut apart each fact (see below), write each fact on a separate note card or use flashcards.
- Say the fact as you show the fact card.
- Explain the process. To start say,
I have some facts on cards to ask you so I can learn about your thinking. I am going to show you them one at a time. First tell me the answer. Then, share your thinking. If you just know the answer, tell me that. If you used a strategy or pictured a number line, tell me that.
- When the interview ends, say, **“Thank you for sharing your thinking.”** Then record what you learned about the child on an observation or progress monitoring tool.
- Keep manipulatives such as counters out of sight unless the student demonstrates a need to use them.
- You don’t have to...
 - ask every fact to learn if they know a fact set or strategy.
 - ask every question on your interview protocol. If you already see that a student does or does not know the fact set or strategy, stop.
 - interview children on the same day.
 - interview every child. If you are interviewing to plan for instruction, a sample of 5-6 students can give you plenty of insights!
- You can administer an interview in various ways, including:
 - invite individuals to a table for a one-on-one (takes about 1 minute per student)
 - invite small group to a table (e.g., a station during center or game time). Have each child silently write answer on a small white board and then wait to share their method till others are ready.
 - join groups (pairs) of students. Use your cards to ask each student different facts.



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Two-Prompt Interview Protocol for Foundational Facts

Prompts	<ol style="list-style-type: none"> 1. What is ____ + ____ (or ____ x ____)? (Fill in with a foundational fact you wish to assess.) 2. How did you figure it out? (Ask this regardless of how quickly or accurately the student solves the fact.) (Repeat with other facts related to the interview purpose.)
Mastery Code	* = Automatic (Add notation when student answers correctly within three seconds.)
Strategy Codes: Foundational Facts Sets	
Addition	Multiplication
<p>M = Must use models or objects to add CA = Counts all CO = Counts on S = Uses strategy R = Recall (just knows the answer)</p>	<p>SC = Skip counts S = Uses a strategy R = Recall (just knows the answer)</p>



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Fact Cards for Two-Prompt Interview focused on Automaticity for +0, +1, +2

Notice these facts go through 20 because students need to add on to teen numbers when using doubles + 1 or doubles + 2 strategy.

$4 + 1 =$	$1 + 3 =$
$2 + 2 =$	$0 + 3 =$
$5 + 2 =$	$1 + 6 =$
$7 + 0 =$	$1 + 8 =$
$11 + 1 =$	$0 + 5 =$
$16 + 1 =$	$2 + 12 =$



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Fact Cards for Two-Prompt Interview focused on Automaticity $\times 0$, $\times 1$, $\times 5$

$8 \times 1 =$	$1 \times 3 =$
$0 \times 6 =$	$3 \times 0 =$
$5 \times 5 =$	$2 \times 5 =$
$7 \times 1 =$	$3 \times 5 =$
$8 \times 5 =$	$0 \times 5 =$
$5 \times 6 =$	$5 \times 7 =$



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NAME:		DATE:
Addition Strategy Codes: Foundational Facts Sets		
M = Must use models or objects to add CA = Counts all CO = Counts on		S = Uses strategy R = Recall (just knows the answer)
Mastery Code- * = Automatic (Add notation when student answers correctly within three seconds.)		
Fact	Strategy	Notes
4 + 1		
2 + 2		
5 + 2		
7 + 0		
11 + 1		
16 + 1		
1 + 3		
0 + 3		
1 + 6		
1 + 8		
0 + 5		
2 + 12		



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NAME:	DATE:
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Addition Strategy Codes: Foundational Facts Sets

M = Must use models or objects to add
CA = Counts all
CO = Counts on

S = Uses strategy
R = Recall (just knows the answer)

Mastery Code- * = Automatic (Add notation when student answers correctly within three seconds.)

Fact	Strategy	Notes



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NAME:		DATE:
Multiplication Strategy Codes: Foundational Facts Sets		
<p>SC = Skip counts S = Uses a strategy R = Recall (just knows the answer)</p>		
<p>Mastery Code- * = Automatic (Add notation when student answers correctly within three seconds.)</p>		
Fact	Strategy	Notes
8 x 1		
0 x 6		
5 x 5		
7 x 1		
8 x 5		
5 x 6		
1 x 3		
3 x 0		
2 x 5		
3 x 5		
0 x 5		
5 x 7		



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NAME:		DATE:
Multiplication Strategy Codes: Foundational Facts Sets		
<p>SC = Skip counts S = Uses a strategy R = Recall (just knows the answer)</p>		
Mastery Code- * = Automatic (Add notation when student answers correctly within three seconds.)		
Fact	Strategy	Notes