

# TEN MORE AND TEN LESS

One skill, start to finish: the IEP goal, six probe forms, the graph. Untimed. Fillable PDF.

TEN MORE / LESS
Ten More and Ten Less – Goal and Directions

Goal, baseline, directions and benchmarks for one skill. Undirected: score is numbers written correctly out of 10.

Goal, tens place, per form, each with a box on either side: the student writes ten less and ten more. Both boxes must be right for the item to count. Counting on and back by ten from any number is a place-value skill, not a counting one, and this is the problem that separates them.

**Sample goal – Invented; edit every bracket to fit the student**

By [annual review date], when given 10 two-digit numbers, [Student] will write ten less and ten more correctly for [8 of 10] numbers on [3] consecutive weekly probes, as measured by teacher-scored place value probes.

**BY (DATE)** \_\_\_\_\_

**GIVEN (CONDITION: WHAT IS SHOWN, ANY ALLOWED SUPPORT)** \_\_\_\_\_

**STUDENT WILL (THE BEHAVIOR, IN THE WORDS OF THE PROBE)** \_\_\_\_\_

**CRITERION (SCORE OUT OF 10, OR PERCENT)** \_\_\_\_\_

**ON \_\_\_\_\_ OF \_\_\_\_\_ CONSECUTIVE PROBES** \_\_\_\_\_

**AS MEASURED BY (THE PROBE; TEN MORE, TEN LESS, FORMS A-F, PAGE 5-10)** \_\_\_\_\_

**Baseline: give Forms A, B and C on three days and take the middle score**

| BASELINE<br>PROBE 1 | BASELINE<br>PROBE 2 | BASELINE<br>PROBE 3 | MIDIAN<br>(THE<br>BASELINE) |
|---------------------|---------------------|---------------------|-----------------------------|
|                     |                     |                     |                             |
|                     |                     |                     |                             |
|                     |                     |                     |                             |

**Benchmarks toward the goal**

| BENCHMARK | TARGET<br>DATE | TARGET<br>SCORE | ACTUAL<br>SCORE | MET? |
|-----------|----------------|-----------------|-----------------|------|
|           |                |                 |                 |      |
|           |                |                 |                 |      |
|           |                |                 |                 |      |
|           |                |                 |                 |      |

**Giving and scoring the probe**

☐ Say: "Write ten less and ten more." Do the first one together if the format is new.

☐ Correct BOTH boxes right.

| TEN MORE / LESS                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                             | Ten More and Ten Less – Form A |                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------|
| Write ten less and ten more. – Undimmed.                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                             |                                |                       |
| NAME _____                                                                                                                                                                                                                                                                                                                                                                  | DATE _____                                                                                                                                                                                  | FORM _____                     | A undimmed - 10 items |
| <p><b>TEP GOAL THIS PROBE MEASURES</b></p> <p><i>Sample:</i> By [annual review date], when given 20 two-digit numbers, [Student] will write ten less and ten more correctly for 10 of 20 numbers on 20 consecutive weekly probes, as measured by teacher scored place value probes.</p> <p><b>GOAL A3 WRITTEN FOR THIS STUDENT (TYPE IT ONCE, THEN PRINT THIS FORM)</b></p> |                                                                                                                                                                                             |                                |                       |
| 10 less <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> <b>48</b> <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> 10 more                                                                                                                                                                                 | 10 less <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> <b>60</b> <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> 10 more |                                |                       |
| 10 less <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> <b>14</b> <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> 10 more                                                                                                                                                                                 | 10 less <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> <b>37</b> <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> 10 more |                                |                       |
| 10 less <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> <b>29</b> <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> 10 more                                                                                                                                                                                 | 10 less <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> <b>56</b> <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> 10 more |                                |                       |
| 10 less <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> <b>54</b> <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> 10 more                                                                                                                                                                                 | 10 less <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> <b>78</b> <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> 10 more |                                |                       |
| 10 less <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> <b>39</b> <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> 10 more                                                                                                                                                                                 | 10 less <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> <b>47</b> <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> 10 more |                                |                       |

[illegible]

| TEN MORE / LESS                                                                          |          | Ten More and Ten Less – Caseload Summary |    |    |    |    |    |    |    |                |       |                     |
|------------------------------------------------------------------------------------------|----------|------------------------------------------|----|----|----|----|----|----|----|----------------|-------|---------------------|
| Every student on this goal, on one grid. Twelve rows, eight probes, one decision column. |          |                                          |    |    |    |    |    |    |    |                |       |                     |
| TEACHER / CASE MANAGER                                                                   |          | SKILL (AS THE GOAL WORDS IT)             |    |    |    |    |    |    |    | MARKING PERIOD |       |                     |
| STUDENT                                                                                  | BASELINE | CRITERION                                | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8             | TREND | DECISION THIS MONTH |
|                                                                                          |          |                                          |    |    |    |    |    |    |    |                |       |                     |
|                                                                                          |          |                                          |    |    |    |    |    |    |    |                |       |                     |
|                                                                                          |          |                                          |    |    |    |    |    |    |    |                |       |                     |
|                                                                                          |          |                                          |    |    |    |    |    |    |    |                |       |                     |
|                                                                                          |          |                                          |    |    |    |    |    |    |    |                |       |                     |
|                                                                                          |          |                                          |    |    |    |    |    |    |    |                |       |                     |
|                                                                                          |          |                                          |    |    |    |    |    |    |    |                |       |                     |
|                                                                                          |          |                                          |    |    |    |    |    |    |    |                |       |                     |
|                                                                                          |          |                                          |    |    |    |    |    |    |    |                |       |                     |
|                                                                                          |          |                                          |    |    |    |    |    |    |    |                |       |                     |
|                                                                                          |          |                                          |    |    |    |    |    |    |    |                |       |                     |
|                                                                                          |          |                                          |    |    |    |    |    |    |    |                |       |                     |
|                                                                                          |          |                                          |    |    |    |    |    |    |    |                |       |                     |

**How to Fill it**

☐ One row per student who has a goal on this skill.  
Baseline is the median of the first three probes.

**What it is for**

Grouping. When six students sit on the same goal, the individual graphs answer "how is this child

### EXAMPLE A Filled-In Data Log (Invented Student)

Bodhi is invented. Twelve weekly probes on ten more and ten less, the aim line, the change that three low points forced, and the criterion being met.

**The goal, as written for Bodhi, first grade (invented)**

By May 20, when given 10 two-digit numbers, Bodhi will write ten less and ten more correctly for 8 of 10 numbers on 3 consecutive weekly probes, as measured by teacher-scored place value probes (Forms A-F).

| #  | DATE  | FORM | CORRECT | WRONGS | EMPHASIS | NOTES                                                             |
|----|-------|------|---------|--------|----------|-------------------------------------------------------------------|
| 1  | 1/8   | A    | 4       | 6      | 4        | baseline                                                          |
| 2  | 8/9   | B    | 4       | 6      | 4        | baseline                                                          |
| 3  | 9/10  | C    | 5       | 5      | 5        | baseline (median of 4, 4, 5 = 4)                                  |
| 4  | 9/17  | D    | 5       | 5      | 5        | ten more right every time, ten less blank or wrong                |
| 5  | 9/24  | E    | 4       | 6      | 4        | same pattern                                                      |
| 6  | 10/5  | F    | 5       | 5      | 5        | 3 under aim line, counted back by tens on a hundreds chart, daily |
| 7  | 10/8  | A    | 6       | 4      | 6        | —                                                                 |
| 8  | 10/15 | B    | 6       | 4      | 6        | —                                                                 |
| 9  | 10/22 | C    | 7       | 3      | 7        | errors narrowing to one pattern                                   |
| 10 | 10/29 | D    | 7       | 3      | 7        | —                                                                 |
| 11 | 11/6  | E    | 8       | 2      | 8        | criterion met, 1 of 3                                             |
| 12 | 11/12 | F    | 8       | 2      | 8        | criterion met, 2 of 3                                             |

#### How to read the log

- ☐ Baseline was the median of three forms on three days: 4, 4, 5, so 4. Not the average, not the best.
- ☐ The aim line runs from 4 in week 1 to 8 at the goal date. Probes 4, 5 and 6 (5, 4, 5) sat under it three in a row, so the teaching changed and the change is written on the row.
- ☐ The notes name the pattern, not just the count. "ten more right every time, ten less blank or wrong" is what sent the teaching someone specific, and a score on its own would not have said that.

## Progress Monitoring

# How This Pack Works

Goal, baseline, weekly probe, graph, decision. Six steps, one skill.

A progress monitoring goal needs a thing to count and a page to count it on. This file is both, for one skill: a goal written in the probe's own words, 6 equivalent forms of the probe that measures it, and a graph scaled to it. Nothing has to be built or found.

- Baseline.** Give Forms A, B, and C on three different days. The middle score of the three is the baseline; write it on the goal page.
- Write the goal** from the six-part form on the goal page. Start from the sample and change every blank, the date, the criterion, the criterion, the number of probes.
- Probe once a week** with the forms in rotation (A, B, C, D, E, F, A...). Never the same form two weeks running. Every form is ten items, unlined.
- Write and plot the score** each week. Draw the aim line first, from the baseline on the left to the criterion at the goal, date on the right, then plot each week's data.
- Decide from the graph.** Three dots in a row under the aim line: change the teaching this week and write the change on the log. Three in a row over it: raise the target.
- Report from the log.** The log gives the progress report its numbers: baseline, the last two scores, and what the errors keep landing on.

### The weekly routine, about five minutes

- ☐ Monday: plot the next form in the rotation (A, B, C, D, E, F, A...).
- ☐ Any day: give the probe one-to-one, unlined ten items takes a few minutes.
- ☐ Same day: score it, draw the row, plot the point, look at the last three points.
- ☐ Friday: if three points sit under the aim line, write the change you are making on the log.

### Print and prep

- ☐ Print one copy per student per week: the student writes on the form and that same sheet is the one you score.
- ☐ The teacher copy is the one you mark on; the student copy stays clean.
- ☐ Keep the goal page and the graph page for each student at the front of the data folder; type into them or write on them.
- ☐ The cattedo page is one grid for every student on this goal; print it once a month.

## Goal + Graph

Goal, baseline, weekly probe, graph, decision. Six steps, one skill.

A progress monitoring goal needs a thing to count and a page to count it on. This file is both, for one skill: a goal written in the probe's own words, 6 equivalent forms of the probe that measures it, and a graph scaled to it. Nothing has to be built or found.

- 1 **Baseline.** Give Forms A, B and C on three different days. The middle score of the three is the baseline; write it on the goal page.
- 2 **Write the goal** from the six-part frame on the goal page. Start from the sample and change every bracket: the date, the condition, the criterion, the number of probes.
- 3 **Probe once a week** with the forms in rotation (A, B, C, D, E, F, A...). Never the same form two weeks running. Every form is ten items, untimed.
- 4 **Log and plot** the score the same day. Draw the aim line first, from the baseline on the left to the criterion at the goal date on the right, then plot each week's dot.
- 5 **Decide from the graph.** Three dots in a row under the aim line: change the teaching this week and write the change on the log. Three in a row over it: raise the target.
- 6 **Report from the log.** The log gives the progress report its numbers: baseline, the last two scores, and what the errors keep landing on.

#### The weekly routine, about five minutes

- ☐ Monday: pull the next form in the rotation (A, B, C, D, E, F, A...).
- ☐ Any day: give the probe one-to-one, untimed; ten items takes a few minutes.
- ☐ Same day: score it, log the row, plot the point, look at the last three points.
- ☐ Friday: if three points sit under the aim line, write the change you are making on the log.

#### Print and prep

- ☐ Print one copy per student per week: the student writes on the form and that same sheet is the one you score.
- ☐ The teacher copy is the one you mark on; the student copy stays clean.
- ☐ Keep the goal page and the graph page for each student at the front of the data folder; type into them or write on them.
- ☐ The caseload page is one grid for every student on this goal: print it once a month.

#### What this probe is not

It is not a norm-referenced test and it carries no benchmark score. The sample goal uses invented criteria in brackets; your team sets the real ones from the baseline and the student's IEP. Every form is untimed and ten items long, so a score of 8 means the same thing on every form, and a student is never scored on speed.

#### Equivalent forms, and why it matters

Every form has ten items drawn the same way, with no item repeated inside a form and no two forms alike. Forms are drawn independently, so an item can recur across the set — on a fact probe that is the point, because the facts themselves are the fixed set being learned. A score on one form means the same as a score on another, so the line on the graph is the student, not the paper. Rotate the forms and the page cannot be memorized.

# Ten More and Ten Less — Goal and Directions

Goal, baseline, directions and benchmarks for one skill. Untimed; score is numbers written correctly out of 10.

Ten numbers per form, each with a box on either side: the student writes ten less and ten more. Both boxes must be right for the item to count. Counting on and back by ten from any number is a place-value skill, not a counting one, and this is the probe that separates them.

## Sample goal — invented; edit every bracket to fit the student

By [annual review date], when given 10 two-digit numbers, [Student] will write ten less and ten more correctly for [8 of 10] numbers on [3] consecutive weekly probes, as measured by teacher-scored place value probes.

BY (DATE)

CRITERION (SCORE OUT OF 10, OR PERCENT)

GIVEN (CONDITION: WHAT IS SHOWN, ANY ALLOWED SUPPORT)

ON \_\_\_\_ OF \_\_\_\_ CONSECUTIVE PROBES

STUDENT WILL (THE BEHAVIOR, IN THE WORDS OF THE PROBE)

AS MEASURED BY (THIS PROBE: TEN MORE, TEN LESS, FORMS A–F, PAGE 5–10)

**Baseline: give Forms A, B and C on three days and take the middle score**

| BASILINE PROBE 1 | BASILINE PROBE 2 | BASILINE PROBE 3 | MEDIAN (THE BASELINE) |
|------------------|------------------|------------------|-----------------------|
|                  |                  |                  |                       |

**Benchmarks toward the goal**

| BENCHMARK | TARGET DATE | TARGET SCORE | ACTUAL SCORE | MET? |
|-----------|-------------|--------------|--------------|------|
|           |             |              |              |      |
|           |             |              |              |      |
|           |             |              |              |      |

## Giving and scoring the probe

- ☐ Say: "Write ten less and ten more." Do the first one together if the format is new.
- ☐ Correct: BOTH boxes right.
- ☐ If only the 'ten less' boxes are wrong, the student is adding ten and cannot subtract it. That is one lesson.
- ☐ Untimed. Let the student finish all ten.

**Scoring rules for this student (accepted answers, reversals, supports allowed)**

.....

.....

.....

**What the errors say to reteach (carry over from the log)**

.....

.....

.....

Write ten less and ten more. · Untimed.

NAME

DATE

FORM

A untimed · 10 items

**IEP GOAL THIS PROBE MEASURES**

Sample: By [annual review date], when given 10 two-digit numbers, [Student] will write ten less and ten more correctly for [8 of 10] numbers on [3] consecutive weekly probes, as measured by teacher-scored place value probes.

**GOAL AS WRITTEN FOR THIS STUDENT (TYPE IT ONCE, THEN PRINT THE FORM)**

10 less

48

10 more

10 less

60

10 more

10 less

14

10 more

10 less

37

10 more

10 less

29

10 more

10 less

56

10 more

10 less

54

10 more

10 less

78

10 more

10 less

39

10 more

10 less

47

10 more

**TEACHER COPY: MARK EACH ITEM ✓ OR X, THEN TOTAL**

1

2

3

4

5

6

7

8

9

10

Numbers written correctly. Self-corrections count as correct. Write the score on the data log the same day.

Correct \_\_\_\_\_ / 10

Write ten less and ten more. · Untimed.

NAME .....

DATE .....

FORM

**B** untimed · 10 items**IEP GOAL THIS PROBE MEASURES**

Sample: By [annual review date], when given 10 two-digit numbers, [Student] will write ten less and ten more correctly for [8 of 10] numbers on [3] consecutive weekly probes, as measured by teacher-scored place value probes.

**GOAL AS WRITTEN FOR THIS STUDENT (TYPE IT ONCE, THEN PRINT THE FORM)**

.....

.....

10 less

75

10 more

10 less

67

10 more

10 less

30

10 more

10 less

22

10 more

10 less

15

10 more

10 less

41

10 more

10 less

76

10 more

10 less

27

10 more

10 less

43

10 more

10 less

48

10 more

**TEACHER COPY: MARK EACH ITEM ✓ OR X, THEN TOTAL**

1

2

3

4

5

6

7

8

9

10

Numbers written correctly. Self-corrections count as correct. Write the score on the data log the same day.

Correct \_\_\_\_\_ / 10

# Ten More and Ten Less — Data Log and Graph

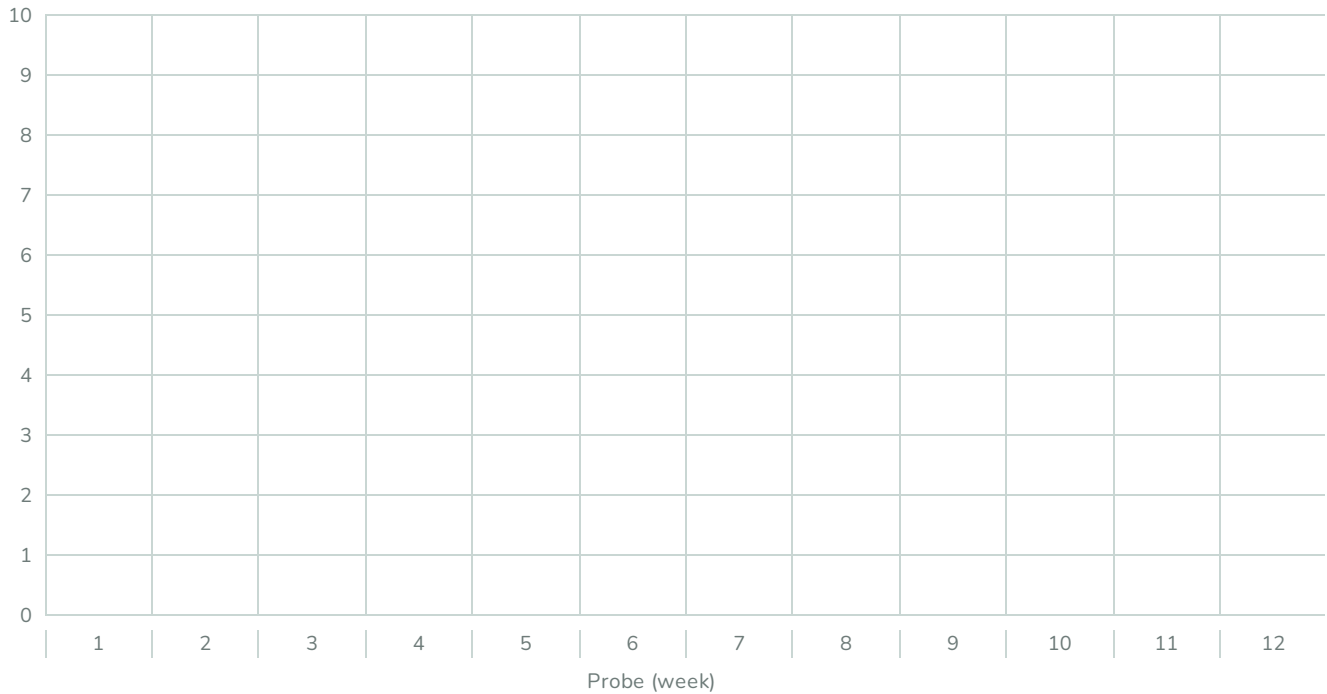
One row per probe. Three points in a row under the aim line is a decision, not a feeling: change the teaching and write what changed in the notes.

STUDENT

CRITERION / AIM

GOAL DATE

**CORRECT OUT OF 10 · DRAW THE AIM LINE FROM THE BASELINE TO THE CRITERION FIRST, THEN PLOT EACH WEEK**



| # | DATE | FORM | CORRECT | ERRORS | SCORE USED ON GRAPH | NOTES (CONDITIONS, WHAT WAS RETEACHING) |
|---|------|------|---------|--------|---------------------|-----------------------------------------|
|   |      |      |         |        |                     |                                         |
|   |      |      |         |        |                     |                                         |
|   |      |      |         |        |                     |                                         |
|   |      |      |         |        |                     |                                         |
|   |      |      |         |        |                     |                                         |
|   |      |      |         |        |                     |                                         |
|   |      |      |         |        |                     |                                         |
|   |      |      |         |        |                     |                                         |
|   |      |      |         |        |                     |                                         |
|   |      |      |         |        |                     |                                         |
|   |      |      |         |        |                     |                                         |

# Ten More and Ten Less — Caseload Summary

Every student on this goal, on one grid. Twelve rows, eight probes, one decision column.

TEACHER / CASE MANAGER

SKILL (AS THE GOAL WORDS IT)

MARKING PERIOD

| STUDENT | BASELINE | CRITERION | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | TREND | DECISION THIS MONTH |
|---------|----------|-----------|----|----|----|----|----|----|----|----|-------|---------------------|
|         |          |           |    |    |    |    |    |    |    |    |       |                     |
|         |          |           |    |    |    |    |    |    |    |    |       |                     |
|         |          |           |    |    |    |    |    |    |    |    |       |                     |
|         |          |           |    |    |    |    |    |    |    |    |       |                     |
|         |          |           |    |    |    |    |    |    |    |    |       |                     |
|         |          |           |    |    |    |    |    |    |    |    |       |                     |
|         |          |           |    |    |    |    |    |    |    |    |       |                     |
|         |          |           |    |    |    |    |    |    |    |    |       |                     |
|         |          |           |    |    |    |    |    |    |    |    |       |                     |
|         |          |           |    |    |    |    |    |    |    |    |       |                     |
|         |          |           |    |    |    |    |    |    |    |    |       |                     |
|         |          |           |    |    |    |    |    |    |    |    |       |                     |
|         |          |           |    |    |    |    |    |    |    |    |       |                     |
|         |          |           |    |    |    |    |    |    |    |    |       |                     |

## How to fill it

- ☐ One row per student who has a goal on this skill. Baseline is the median of the first three probes.
- ☐ One column per weekly probe; write the score out of 10, not a percent, so the rows compare.
- ☐ Trend: up, flat or down over the last four probes. That word, not the last score, is what the decision follows.
- ☐ Decision: keep going, change the teaching, or raise the target. A blank decision on a flat row is the thing this page exists to catch.

## What it is for

Grouping. When six students sit on the same goal, the individual graphs answer “how is this child doing” and nothing answers “who needs the same fifteen minutes.” Rows that are flat together are a group; a row that is flat alone is a different question. Take this page to the data meeting instead of ten folders.

**EXAMPLE**

## A Filled-In Data Log (Invented Student)

Bodhi is invented. Twelve weekly probes on ten more and ten less, the aim line, the change that three low points forced, and the criterion being met.

### The goal, as written for Bodhi, first grade (invented)

*By May 20, when given 10 two-digit numbers, Bodhi will write ten less and ten more correctly for 8 of 10 numbers on 3 consecutive weekly probes, as measured by teacher-scored place value probes (forms A–F).*

| #  | DATE  | FORM | CORRECT | ERRORS | GRAPHED | NOTES                                                             |
|----|-------|------|---------|--------|---------|-------------------------------------------------------------------|
| 1  | 9/8   | A    | 4       | 6      | 4       | baseline                                                          |
| 2  | 9/9   | B    | 4       | 6      | 4       | baseline                                                          |
| 3  | 9/10  | C    | 5       | 5      | 5       | baseline (median of 4, 4, 5 = 4)                                  |
| 4  | 9/17  | D    | 5       | 5      | 5       | ten more right every time, ten less blank or wrong                |
| 5  | 9/24  | E    | 4       | 6      | 4       | same pattern                                                      |
| 6  | 10/1  | F    | 5       | 5      | 5       | 3 under aim line: counted back by tens on a hundreds chart, daily |
| 7  | 10/8  | A    | 6       | 4      | 6       | –                                                                 |
| 8  | 10/15 | B    | 6       | 4      | 6       | –                                                                 |
| 9  | 10/22 | C    | 7       | 3      | 7       | errors narrowing to one pattern                                   |
| 10 | 10/29 | D    | 7       | 3      | 7       | –                                                                 |
| 11 | 11/5  | E    | 8       | 2      | 8       | criterion met, 1 of 3                                             |
| 12 | 11/12 | F    | 8       | 2      | 8       | criterion met, 2 of 3                                             |

### How to read the log

- ☐ Baseline was the median of three forms on three days: 4, 4, 5, so 4. Not the average, not the best.
- ☐ The aim line runs from 4 in week 1 to 8 at the goal date. Probes 4, 5 and 6 (5, 4, 5) sat under it: three in a row, so the teaching changed and the change is written on the row.
- ☐ The notes name the pattern, not just the count: “ten more right every time, ten less blank or wrong” is what sent the teaching somewhere specific, and a score on its own would not have said that.
- ☐ Criterion met on probes 11 and 12; one more consecutive probe at 8 or better and the goal is met.

### The progress report sentence this log produces

*“On weekly ten more and ten less probes (10 items, untimed), Bodhi scored 4 of 10 at baseline in September and 8 of 10 on each of the two most recent probes in November. Progress is sufficient to meet the goal of 8 of 10 on three consecutive probes by May.” Every number in it is on the log above; nothing is from memory.*