

Connecting Math Concepts Independent Work Percentages

Independent daily work is a critical measure of student mastery. A record needs to be maintained of individual and group performance. The attached charts give the percentages for the independent work that students do in the Connecting Math Concepts programs. The charts list the lesson number, the total number of items possible for each lesson and the percentage correct. The charts can be used for grading and to provide an accurate record of student performance.

Students need to be at **85 percent mastery or above** on their independent work for each lesson. Students who fall below 85 percent for three consecutive lessons have a problem and a remedy is needed. A remedy is also needed for students who frequently fall below 85 percent. If one fifth or more of the students in a group fall below 85 percent on a specific lesson, the entire group should repeat the lesson or firm-up procedures should be done with the group.

Students need to count errors accurately to calculate the correct percentage. The basic rule in counting errors is that numbered items count as one response. If a numbered item has several answers the item only counts as one response. For example, an item might tell the students to write the numbers for counting by 5 in the boxes (see below). This item counts as one response.

Part 3 Write the numbers
for counting by 5.

5	

There are 9 correct answers. However, Part 3 only counts as one.

Remember, keep a daily record of student performance on independent work. Student mastery is 85%. Take a corrective action when 20% of the group falls below 85% mastery or when individuals score below 85% for 3 consecutive days.

If you have any questions, please email Gary Davis at gdavis@nifdi.org or call (877) 485-1973.

Connecting Math Concepts Level B 2003

Independent Work % Chart

(based on total number of
workbook items)

Lesson 1 N/A	Lesson 2 N/A	Lesson 3 N/A	Lesson 4 10 Possible -0 = 100% -1 = 90% -2 = 80% -3 = 70% -4 = 60% -5 = 50% -6 = 40% -7 = 30%	Lesson 5 10 Possible -0 = 100% -1 = 90% -2 = 80% -3 = 70% -4 = 60% -5 = 50% -6 = 40% -7 = 30%
Lesson 11 3 Possible -0 = 100% -1 = 66% -2 = 33%	Lesson 12 3 Possible -0 = 100% -1 = 66% -2 = 33%	Lesson 13 18 Possible -0 = 100% -1 = 94% -2 = 88% -3 = 83% -4 = 77% -5 = 72% -6 = 66% -7 = 61%	Lesson 14 7 Possible -0 = 100% -1 = 85% -2 = 71% -3 = 57% -4 = 42% -5 = 28% -6 = 14%	Lesson 15 9 Possible -0 = 100% -1 = 88% -2 = 77% -3 = 66% -4 = 55% -5 = 44% -6 = 33% -7 = 22%
Lesson 16 14 Possible -0 = 100% -1 = 92% -2 = 85% -3 = 78% -4 = 71% -5 = 64% -6 = 57% -7 = 50%	Lesson 17 14 Possible -0 = 100% -1 = 92% -2 = 85% -3 = 78% -4 = 71% -5 = 64% -6 = 57% -7 = 50%	Lesson 18 21 Possible -0 = 100% -1 = 97% -2 = 94% -3 = 91% -4 = 89% -5 = 86% -6 = 83% -7 = 80%	Lesson 19 9 Possible -0 = 100% -1 = 88% -2 = 77% -3 = 66% -4 = 55% -5 = 44% -6 = 33% -7 = 22%	Lesson 20 6 Possible -0 = 100% -1 = 83% -2 = 66% -3 = 50% -4 = 33% -5 = 16%
Lesson 21 5 Possible -0 = 100% -1 = 80% -2 = 60% -3 = 40% -4 = 20%	Lesson 22 18 Possible -0 = 100% -1 = 94% -2 = 88% -3 = 83% -4 = 77% -5 = 72% -6 = 66% -7 = 61%	Lesson 23 10 Possible -0 = 100% -1 = 90% -2 = 80% -3 = 70% -4 = 60% -5 = 50% -6 = 40% -7 = 30%	Lesson 24 9 Possible -0 = 100% -1 = 88% -2 = 77% -3 = 66% -4 = 55% -5 = 44% -6 = 33% -7 = 22%	Lesson 25 14 Possible -0 = 100% -1 = 92% -2 = 85% -3 = 78% -4 = 71% -5 = 64% -6 = 57% -7 = 50%

Lesson 26 14 Possible -0 = 100% -1 = 92% -2 = 85% -3 = 78% -4 = 71% -5 = 64% -6 = 57% -7 = 50%	Lesson 27 18 Possible -0 = 100% -1 = 94% -2 = 88% -3 = 83% -4 = 77% -5 = 72% -6 = 66% -7 = 61%	Lesson 28 14 Possible -0 = 100% -1 = 92% -2 = 85% -3 = 78% -4 = 71% -5 = 64% -6 = 57% -7 = 50%	Lesson 29 10 Possible -0 = 100% -1 = 90% -2 = 80% -3 = 70% -4 = 60% -5 = 50% -6 = 40% -7 = 30%	Lesson 30 22 Possible -0 = 100% -1 = 95% -2 = 90% -3 = 86% -4 = 81% -5 = 77% -6 = 72% -7 = 68%
Lesson 31 4 Possible -0 = 100% -1 = 75% -2 = 50% -3 = 25%	Lesson 32 2 Possible -0 = 100% -1 = 50%	Lesson 33 21 Possible -0 = 100% -1 = 97% -2 = 94% -3 = 91% -4 = 89% -5 = 86% -6 = 83% -7 = 80%	Lesson 34 23 Possible -0 = 100% -1 = 95% -2 = 91% -3 = 86% -4 = 82% -5 = 78% -6 = 73% -7 = 69%	Lesson 35 13 Possible -0 = 100% -1 = 92% -2 = 84% -3 = 76% -4 = 69% -5 = 61% -6 = 53% -7 = 46%
Lesson 36 15 Possible -0 = 100% -1 = 93% -2 = 86% -3 = 80% -4 = 73% -5 = 66% -6 = 60% -7 = 53%	Lesson 37 8 Possible -0 = 100% -1 = 87% -2 = 75% -3 = 62% -4 = 50% -5 = 37% -6 = 25% -7 = 12%	Lesson 38 14 Possible -0 = 100% -1 = 92% -2 = 85% -3 = 78% -4 = 71% -5 = 64% -6 = 57% -7 = 50%	Lesson 39 21 Possible -0 = 100% -1 = 97% -2 = 94% -3 = 91% -4 = 89% -5 = 86% -6 = 83% -7 = 80%	Lesson 40 11 Possible -0 = 100% -1 = 90% -2 = 81% -3 = 72% -4 = 63% -5 = 54% -6 = 45% -7 = 36%
Lesson 41 15 Possible -0 = 100% -1 = 93% -2 = 86% -3 = 80% -4 = 73% -5 = 66% -6 = 60% -7 = 53%	Lesson 42 18 Possible -0 = 100% -1 = 94% -2 = 88% -3 = 83% -4 = 77% -5 = 72% -6 = 66% -7 = 61%	Lesson 43 6 Possible -0 = 100% -1 = 83% -2 = 66% -3 = 50% -4 = 33% -5 = 16%	Lesson 44 5 Possible -0 = 100% -1 = 80% -2 = 60% -3 = 40% -4 = 20%	Lesson 45 4 Possible -0 = 100% -1 = 75% -2 = 50% -3 = 25%

Lesson 46 25 Possible -0 = 100% -1 = 98% -2 = 95% -3 = 93% -4 = 90% -5 = 88% -6 = 85% -7 = 83%	Lesson 47 8 Possible -0 = 100% -1 = 87% -2 = 75% -3 = 62% -4 = 50% -5 = 37% -6 = 25% -7 = 12%	Lesson 48 5 Possible -0 = 100% -1 = 80% -2 = 60% -3 = 40% -4 = 20%	Lesson 49 21 Possible -0 = 100% -1 = 97% -2 = 94% -3 = 91% -4 = 89% -5 = 86% -6 = 83% -7 = 80%	Lesson 50 30 Possible -0 = 100% -1 = 97% -2 = 93% -3 = 90% -4 = 87% -5 = 83% -6 = 80% -7 = 77%
Lesson 51 6 Possible -0 = 100% -1 = 83% -2 = 66% -3 = 50% -4 = 33% -5 = 16%	Lesson 52 22 Possible -0 = 100% -1 = 95% -2 = 90% -3 = 86% -4 = 81% -5 = 77% -6 = 72% -7 = 68%	Lesson 53 20 Possible -0 = 100% -1 = 95% -2 = 90% -3 = 85% -4 = 80% -5 = 75% -6 = 70% -7 = 65%	Lesson 54 18 Possible -0 = 100% -1 = 94% -2 = 88% -3 = 83% -4 = 77% -5 = 72% -6 = 66% -7 = 61%	Lesson 55 23 Possible -0 = 100% -1 = 95% -2 = 91% -3 = 86% -4 = 82% -5 = 78% -6 = 73% -7 = 69%
Lesson 56 13 Possible -0 = 100% -1 = 92% -2 = 84% -3 = 76% -4 = 69% -5 = 61% -6 = 53% -7 = 46%	Lesson 57 5 Possible -0 = 100% -1 = 80% -2 = 60% -3 = 40% -4 = 20% -5 = 0% -6 = 0% -7 = 0%	Lesson 58 26 Possible -0 = 100% -1 = 96% -2 = 92% -3 = 88% -4 = 85% -5 = 81% -6 = 77% -7 = 73%	Lesson 59 28 Possible -0 = 100% -1 = 96% -2 = 92% -3 = 89% -4 = 85% -5 = 82% -6 = 78% -7 = 75%	Lesson 60 10 Possible -0 = 100% -1 = 90% -2 = 80% -3 = 70% -4 = 60% -5 = 50% -6 = 40% -7 = 30%
Lesson 61 15 Possible -0 = 100% -1 = 93% -2 = 86% -3 = 80% -4 = 73% -5 = 66% -6 = 60% -7 = 53%	Lesson 62 19 Possible -0 = 100% -1 = 94% -2 = 89% -3 = 84% -4 = 78% -5 = 73% -6 = 68% -7 = 63%	Lesson 63 28 Possible -0 = 100% -1 = 96% -2 = 92% -3 = 89% -4 = 85% -5 = 82% -6 = 78% -7 = 75%	Lesson 64 24 Possible -0 = 100% -1 = 95% -2 = 91% -3 = 87% -4 = 83% -5 = 79% -6 = 75% -7 = 70%	Lesson 65 12 Possible -0 = 100% -1 = 91% -2 = 83% -3 = 75% -4 = 66% -5 = 58% -6 = 50% -7 = 41%

Lesson 66 17 Possible -0 = 100% -1 = 94% -2 = 88% -3 = 82% -4 = 76% -5 = 70% -6 = 64% -7 = 58%	Lesson 67 23 Possible -0 = 100% -1 = 95% -2 = 91% -3 = 86% -4 = 82% -5 = 78% -6 = 73% -7 = 69%	Lesson 68 42 Possible -0 = 100% -1 = 97% -2 = 95% -3 = 92% -4 = 90% -5 = 88% -6 = 85% -7 = 83%	Lesson 69 16 Possible -0 = 100% -1 = 93% -2 = 87% -3 = 81% -4 = 75% -5 = 68% -6 = 62% -7 = 56%	Lesson 70 40 Possible -0 = 100% -1 = 98% -2 = 95% -3 = 93% -4 = 90% -5 = 88% -6 = 85% -7 = 83%
Lesson 71 12 Possible -0 = 100% -1 = 91% -2 = 83% -3 = 75% -4 = 66% -5 = 58% -6 = 50% -7 = 41%	Lesson 72 21 Possible -0 = 100% -1 = 97% -2 = 94% -3 = 91% -4 = 89% -5 = 86% -6 = 83% -7 = 80%	Lesson 73 21 Possible -0 = 100% -1 = 97% -2 = 94% -3 = 91% -4 = 89% -5 = 86% -6 = 83% -7 = 80%	Lesson 74 22 Possible -0 = 100% -1 = 95% -2 = 90% -3 = 86% -4 = 81% -5 = 77% -6 = 72% -7 = 68%	Lesson 75 22 Possible -0 = 100% -1 = 95% -2 = 90% -3 = 86% -4 = 81% -5 = 77% -6 = 72% -7 = 68%
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