Progress Check | Add Decimals to the Hundredths

About the Progress Check Tool

The Progress Check Tool is an assessment that can be used before, during, or after providing direct instruction. It is intended to collect data about students' proficiency with adding decimals to the hundredths and is not designed to be graded. The Progress Check Tool has problems that are sequenced from simple to complex. Problems 1 and 2 involve renaming decimals as fractions to find the sum. Problems 3 and 4 involve adding by drawing on a place value chart and recording vertical form. Problems 5 and 6 involve adding by using the standard algorithm. For problem 7, students can self-select a strategy to add decimals to the hundredths.

Using the Progress Check Tool to Inform Instruction

When making instructional decisions based on the data collected with the Progress Check Tool, consider the following questions:

- Can students add decimals by applying fraction equivalence?
  | **Objective 1**

- Can students add decimals by drawing on the place value chart and recording in vertical form?
  | **Objective 2**

- Can students add decimals that have different numbers of digits?
  | **Objective 3**

- Can students add decimals by using the standard algorithm?
  | **Objective 4**

> **Teacher Tip**
> Consider acknowledging and praising students' achievements. Share the results of the Progress Check Tool with students and celebrate their progress.

Progression Toward Proficiency Rubric

Progress Check Tool Item(s)	Items 1 and 2	Item 3	Item 4	Items 5 and 6	Item 7
	Objective 1	**Objective 2**	**Objective 3**	**Objective 4**	**Objectives 1–4**
Not Yet Proficient	The student may show evidence of beginning to understand adding decimals to the hundredths but makes more than one error that leads to an incorrect answer.	The student may show evidence of beginning to understand adding decimals to the hundredths but makes more than one error that leads to an incorrect answer.	The student may show evidence of beginning to understand adding decimals to the hundredths but makes more than one error that leads to an incorrect answer.	The student may show evidence of beginning to understand adding decimals to the hundredths but makes more than one error that leads to an incorrect answer.	The student may show evidence of beginning to understand adding decimals to the hundredths but makes more than one error that leads to an incorrect answer.
Partially Proficient	The student correctly demonstrates solid reasoning but makes an error that leads to an incorrect answer, or the student demonstrates some reasoning and has the correct answer.	The student correctly demonstrates solid reasoning but makes an error that leads to an incorrect answer, or the student demonstrates some reasoning and has the correct answer.	The student correctly demonstrates solid reasoning but makes an error that leads to an incorrect answer, or the student demonstrates some reasoning and has the correct answer.	The student correctly demonstrates solid reasoning but makes an error that leads to an incorrect answer, or the student demonstrates some reasoning and has the correct answer.	The student correctly demonstrates solid reasoning but makes an error that leads to an incorrect answer, or the student demonstrates some reasoning and circles the correct answer.
Proficient	The student correctly adds decimals by applying fraction equivalence. 1. 0.6; $\frac{4}{10} + \frac{2}{10} = \frac{6}{10}$ 2. 0.59; $\frac{35}{100} + \frac{24}{100} = \frac{59}{100}$	The student correctly adds decimals by using a place value drawing and recording in vertical form. 3. 5.3	The student correctly adds decimals with a different number of digits by using a place value drawing and recording in vertical form. 4. 3.06	The student correctly adds decimals with a different number of digits by using a place value drawing and recording in vertical form. 5. 2.3 6. 1.47	The student selects choice C. The student correctly adds the decimals.

NAME _____ DATE _____

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Rename the decimals as fractions. Add.

1 $0.4 + 0.2 =$ _____

2 $0.35 + 0.24 =$ _____

3 Add. Use a place value drawing and record in vertical form.

$3.5 + 1.8 =$ _____

tens	ones	tenths	hundredths

NAME _____ DATE _____

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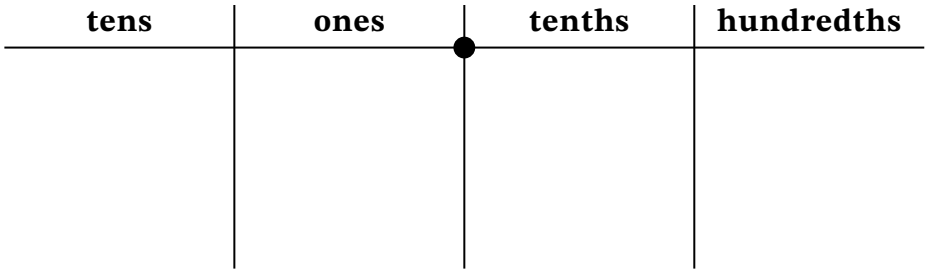
4 Add. Use a place value drawing and record in vertical form.

$2.4 + 0.66 =$ _____



Add. Use the standard algorithm.

5 $0.7 + 1.6 =$ _____

6 $0.93 + 0.54 =$ _____

7 What is the total of $4.7 + 2.85$? Show your work.

A. 6.52

B. 7.45

C. 7.55

D. 8.25