

Addition using 4 and 5 digit numbers: (whole numbers and decimals)



Teaching Notes



Each slide comes with a working master slide and an answer slide. You may choose to change the layout of these slides if you don't want the students to have the answer key directly after the working slide, in order to discourage peeking.

The space underneath the line is available for students to use as a work space so that students can demonstrate their working out prior to dragging the correct answer to the box. Each answer in the master slide is draggable...the answer slides are fixed.

On completion of the first slide, the students will begin to see that there is a pattern between the decimal version and the 4 digit version. I would agree that this simplifies the task, however, in my opinion, it helps students to consolidate and simplify the relationship between adding 4 digit numbers, and decimal numbers with 3 decimal places.

This resource has been made available in both Google Slides and PowerPoint so that you can use the resource that suits your needs.
The link to the Google Slides version is

PLEASE ENSURE THAT YOU MAKE A COPY FIRST



Drag and drop the answers into the boxes below.
Use pencil and paper to do your working first

$$\begin{array}{r} 3\ 456 \\ 4\ 567 + \\ \hline \end{array}$$

$$\begin{array}{r} 9\ 084 \\ 4\ 443 + \\ \hline \end{array}$$

$$\begin{array}{r} 7\ 839 \\ 6\ 030 + \\ \hline \end{array}$$

$$\begin{array}{r} 8\ 802 \\ 5\ 231 + \\ \hline \end{array}$$

$$\begin{array}{r} 1\ 246 \\ 9\ 085 + \\ \hline \end{array}$$

$$\begin{array}{r} 4\ 378 \\ 7\ 862 + \\ \hline \end{array}$$

8 023

14 033

10 331

12 240

13 527

13 869



Drag and drop the answers into the boxes below.
Use pencil and paper to do your working first **ANSWERS**

$$\begin{array}{r} 3\ 456 \\ 4\ 567 + \\ \hline \end{array}$$

$$\begin{array}{r} 9\ 084 \\ 4\ 443 + \\ \hline \end{array}$$

$$\begin{array}{r} 7\ 839 \\ 6\ 030 + \\ \hline \end{array}$$

$$\begin{array}{r} 8\ 802 \\ 5\ 231 + \\ \hline \end{array}$$

$$\begin{array}{r} 1\ 246 \\ 9\ 085 + \\ \hline \end{array}$$

$$\begin{array}{r} 4\ 378 \\ 7\ 862 + \\ \hline \end{array}$$

8 023

13 527

13 869

14 033

10 331

12 240



**Congratulations!!!
You did it...**



Drag and drop the answers into the boxes below.
Use pencil and paper to do your working first

$\begin{array}{r} 1\ 342 \\ 5\ 908+ \\ \hline \end{array}$	$\begin{array}{r} 6\ 853 \\ 2\ 545+ \\ \hline \end{array}$	$\begin{array}{r} 2\ 480 \\ 6\ 873+ \\ \hline \end{array}$	$\begin{array}{r} 4\ 980 \\ 5\ 123+ \\ \hline \end{array}$	$\begin{array}{r} 9\ 045 \\ 8\ 600+ \\ \hline \end{array}$	$\begin{array}{r} 4\ 350 \\ 5\ 678+ \\ \hline \end{array}$
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9 398 10 103 7 250 17 645 10 028 9 353

Drag and drop the answers into the boxes below.
Use pencil and paper to do your working first

$\begin{array}{r} 1\ 342 \\ 5\ 908+ \\ \hline \end{array}$	$\begin{array}{r} 6\ 853 \\ 2\ 545+ \\ \hline \end{array}$	$\begin{array}{r} 2\ 480 \\ 6\ 873+ \\ \hline \end{array}$	$\begin{array}{r} 4\ 980 \\ 5\ 123+ \\ \hline \end{array}$	$\begin{array}{r} 9\ 045 \\ 8\ 600+ \\ \hline \end{array}$	$\begin{array}{r} 4\ 350 \\ 5\ 678+ \\ \hline \end{array}$
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7 250 9 398 9 353 10 103 17 645 10 028

Congratulations!!!

Drag and drop the answers into the boxes below.
Use pencil and paper to do your working first.
Remember to line up the decimal points!

$\begin{array}{r} 1.342 \\ 5.908+ \\ \hline \end{array}$	$\begin{array}{r} 6.853 \\ 2.545+ \\ \hline \end{array}$	$\begin{array}{r} 2.480 \\ 6.873+ \\ \hline \end{array}$	$\begin{array}{r} 4.980 \\ 5.123+ \\ \hline \end{array}$	$\begin{array}{r} 9.045 \\ 8.600+ \\ \hline \end{array}$	$\begin{array}{r} 4.350 \\ 5.678+ \\ \hline \end{array}$
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9.398 10.103 7.250 17.645 10.028 9.353

Drag and drop the answers into the boxes below.
Use pencil and paper to do your working first

$\begin{array}{r} 7\ 630 \\ 2\ 198+ \\ \hline \end{array}$	$\begin{array}{r} 9\ 034 \\ 4\ 903+ \\ \hline \end{array}$	$\begin{array}{r} 3\ 609 \\ 2\ 674+ \\ \hline \end{array}$	$\begin{array}{r} 3\ 683 \\ 3\ 529+ \\ \hline \end{array}$	$\begin{array}{r} 9\ 034 \\ 1\ 998+ \\ \hline \end{array}$	$\begin{array}{r} 9\ 321 \\ 8\ 932+ \\ \hline \end{array}$
--	--	--	--	--	--

11 032 7 212 6 283 9 828 18 253 13 937

Drag and drop the answers into the boxes below.
Use pencil and paper to do your working first.
Remember to line up the decimal points!

$\begin{array}{r} 1.342 \\ 5.908+ \\ \hline \end{array}$	$\begin{array}{r} 6.853 \\ 2.545+ \\ \hline \end{array}$	$\begin{array}{r} 2.480 \\ 6.873+ \\ \hline \end{array}$	$\begin{array}{r} 4.980 \\ 5.123+ \\ \hline \end{array}$	$\begin{array}{r} 9.045 \\ 8.600+ \\ \hline \end{array}$	$\begin{array}{r} 4.350 \\ 5.678+ \\ \hline \end{array}$
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7.250 9.398 9.353 10.103 17.645 10.028

Congratulations!!!
You did it...

Drag and drop the answers into the boxes below.
Use pencil and paper to do your working first

$\begin{array}{r} 7\ 630 \\ 2\ 198+ \\ \hline \end{array}$	$\begin{array}{r} 9\ 034 \\ 4\ 903+ \\ \hline \end{array}$	$\begin{array}{r} 3\ 609 \\ 2\ 674+ \\ \hline \end{array}$	$\begin{array}{r} 3\ 683 \\ 3\ 529+ \\ \hline \end{array}$	$\begin{array}{r} 9\ 034 \\ 1\ 998+ \\ \hline \end{array}$	$\begin{array}{r} 9\ 321 \\ 8\ 932+ \\ \hline \end{array}$
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9 828 13 937 6 283 7 212 11 032 18 253

Congratulations!!!
You did it...



Drag and drop the answers into the boxes below.
Use pencil and paper to do your working first.
Remember to line up the decimal points!

$\begin{array}{r} 3.456 \\ 4.567 + \\ \hline \end{array}$	$\begin{array}{r} 9.084 \\ 4.443 + \\ \hline \end{array}$	$\begin{array}{r} 7.839 \\ 6.030 + \\ \hline \end{array}$	$\begin{array}{r} 8.802 \\ 5.231 + \\ \hline \end{array}$	$\begin{array}{r} 1.246 \\ 9.085 + \\ \hline \end{array}$	$\begin{array}{r} 4.378 \\ 7.862 + \\ \hline \end{array}$
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8.023

Drag and drop the answers into the boxes below.
Use pencil and paper to do your working first.
Remember to line up the decimal points!

$\begin{array}{r} 3.456 \\ 4.567 + \\ \hline \end{array}$	$\begin{array}{r} 9.084 \\ 4.443 + \\ \hline \end{array}$	$\begin{array}{r} 7.839 \\ 6.030 + \\ \hline \end{array}$	$\begin{array}{r} 8.802 \\ 5.231 + \\ \hline \end{array}$	$\begin{array}{r} 1.246 \\ 9.085 + \\ \hline \end{array}$	$\begin{array}{r} 4.378 \\ 7.862 + \\ \hline \end{array}$
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8.023 13.527 13.869 14.033 10.331 12.240

Drag and drop the answers into the boxes below.
Use pencil and paper to do your working first.
Remember to line up the decimal points!

$\begin{array}{r} 7.630 \\ 2.198 + \\ \hline \end{array}$	$\begin{array}{r} 9.034 \\ 4.903 + \\ \hline \end{array}$	$\begin{array}{r} 3.609 \\ 2.674 + \\ \hline \end{array}$	$\begin{array}{r} 3.683 \\ 3.529 + \\ \hline \end{array}$	$\begin{array}{r} 9.034 \\ 1.998 + \\ \hline \end{array}$	$\begin{array}{r} 9.321 \\ 8.932 + \\ \hline \end{array}$
---	---	---	---	---	---

12 18.253

**Congratulations!!!
You did it...**

Drag and drop the answers into the boxes below.
Use pencil and paper to do your working first

$\begin{array}{r} 23\ 456 \\ 34\ 567 + \\ \hline \end{array}$	$\begin{array}{r} 43\ 456 \\ 64\ 567 + \\ \hline \end{array}$	$\begin{array}{r} 23\ 456 \\ 24\ 567 + \\ \hline \end{array}$	$\begin{array}{r} 13\ 456 \\ 54\ 567 + \\ \hline \end{array}$	$\begin{array}{r} 23\ 456 \\ 64\ 567 + \\ \hline \end{array}$	$\begin{array}{r} 63\ 456 \\ 84\ 567 + \\ \hline \end{array}$
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108 023 58 023 68 023 48 023 148 023 88 023

Drag and drop the answers into the boxes below.
Use pencil and paper to do your working first.
Remember to line up the decimal points!

$\begin{array}{r} 23.456 \\ 34.567 + \\ \hline \end{array}$	$\begin{array}{r} 43.456 \\ 64.567 + \\ \hline \end{array}$	$\begin{array}{r} 23.456 \\ 24.567 + \\ \hline \end{array}$	$\begin{array}{r} 13.456 \\ 54.567 + \\ \hline \end{array}$	$\begin{array}{r} 23.456 \\ 64.567 + \\ \hline \end{array}$	$\begin{array}{r} 63.456 \\ 84.567 + \\ \hline \end{array}$
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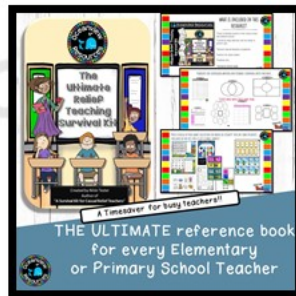
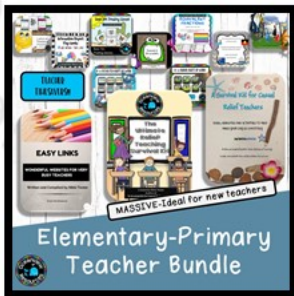
48.023

Drag and drop the answers into the boxes below.
Use pencil and paper to do your working first.
Remember to line up the decimal points!

$\begin{array}{r} 23.456 \\ 34.567 + \\ \hline \end{array}$	$\begin{array}{r} 43.456 \\ 64.567 + \\ \hline \end{array}$	$\begin{array}{r} 23.456 \\ 24.567 + \\ \hline \end{array}$	$\begin{array}{r} 13.456 \\ 54.567 + \\ \hline \end{array}$	$\begin{array}{r} 23.456 \\ 64.567 + \\ \hline \end{array}$	$\begin{array}{r} 63.456 \\ 84.567 + \\ \hline \end{array}$
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**Congratulations!!!
You did it...**





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