

Grade 4 Mathematics

Week of October 5 – October 9

Lesson 1.2: Addition

Lesson Materials

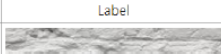
- Lessons for Section [1.2 Addition](#)
- Place Values Learning Guide (This PDF)

Use the link above to open the lessons for Section 1.2 Place Value. Remember: on the lesson page, use the arrow next to the “Table of Contents” at the **top of the page** to move through the lessons. You can also click on the Table of Contents to open the menu so you can jump to a specific lesson page.

☰ G4T > Modules > Mathematics > 1.1 Place Value

Home WCLN.ca Introduction to Numbers **Table of Contents** ↗

Numbers are all around us. They serve very different purposes depending on how they are used. A number is a mathematical object used to count, measure or label.

Count	Measure	Label
—	centimeter decimeter	

Work through the online lessons for Section 1.2 Addition. You can work at your own pace or follow the suggested schedule below. Complete the activities in your Learning Guide as you work through the lessons. You can print the Learning Guide, or, copy out the questions on a separate piece of paper. Be sure to try the games and practice quizzes as you make your way through the online lesson book.

Suggested Lesson Schedule

<p>Monday</p> <ul style="list-style-type: none">• Quick Review – Adding Tool• Balloon Review• Learning Guide #1, p. 18 <p>Tuesday</p> <ul style="list-style-type: none">• Add and Carry• “To Group or not to Regroup” Game• Practice #1• LG #2 and #3, p. 19 <p>Wednesday</p> <ul style="list-style-type: none">• Multi-digit Addition• Practice #2• Addition Game• LG #4, p. 20	<p>Thursday</p> <ul style="list-style-type: none">• Rounding to Estimate – Addition• LG #6, p. 21• Practice estimating sums by rounding: use playing cards to make random double digit numbers; record your work <p>Friday</p> <ul style="list-style-type: none">• Mental Math Strategies Introduction• Decomposing Numbers• Compensation• Friendly Numbers and Addition• Speedy Addition Fun• LG #7, p. 21 - 22
---	---

1.2 ADDITION

1. To practice your addition facts fill in the table below. Some of the squares have been filled for you

+	3	5	7	6	2	1	4	9	10	8
1	4					2			11	
2			9				6			10
3	6				5			12		
4						5			14	
5		10						14		
6	9				8					
7	10				9		11			15
8						9				
9				15				18		
10	13							19		

2. Calculate the following. Show any number that needs to be carried.

a)

	5	9
+	9	8
<hr/>		

b)

	8	7
+	8	6
<hr/>		

c)

	6	8
+	7	9
<hr/>		

d)

	3	5
+	8	7
<hr/>		

e)

	4	9
+	9	8
<hr/>		

f)

	5	4
+	8	8
<hr/>		

g)

	8	9
+	3	6
<hr/>		

h)

	7	9
+	2	5
<hr/>		

i)

	6	9
+	1	7
<hr/>		

j)

	9	4
+	4	8
<hr/>		

k)

	5	6
+	5	8
<hr/>		

l)

	7	6
+	6	5
<hr/>		

3. Calculate the following. Show any number that needs to be carried

a)	$\begin{array}{r} 81 \\ +53 \\ \hline \end{array}$	b)	$\begin{array}{r} 68 \\ +38 \\ \hline \end{array}$	c)	$\begin{array}{r} 57 \\ +84 \\ \hline \end{array}$	d)	$\begin{array}{r} 79 \\ +39 \\ \hline \end{array}$	e)	$\begin{array}{r} 45 \\ +82 \\ \hline \end{array}$	f)	$\begin{array}{r} 17 \\ +94 \\ \hline \end{array}$
----	--	----	--	----	--	----	--	----	--	----	--

g)	$\begin{array}{r} 92 \\ +23 \\ \hline \end{array}$	h)	$\begin{array}{r} 39 \\ +79 \\ \hline \end{array}$	i)	$\begin{array}{r} 49 \\ +31 \\ \hline \end{array}$	j)	$\begin{array}{r} 47 \\ +94 \\ \hline \end{array}$	k)	$\begin{array}{r} 32 \\ +66 \\ \hline \end{array}$	l)	$\begin{array}{r} 78 \\ +25 \\ \hline \end{array}$
----	--	----	--	----	--	----	--	----	--	----	--

4. Calculate the following. Show any number that needs to be carried.

a) $\begin{array}{r} 2636 \\ + 8687 \\ \hline \end{array}$ b) $\begin{array}{r} 5707 \\ + 6494 \\ \hline \end{array}$ c) $\begin{array}{r} 9488 \\ + 6576 \\ \hline \end{array}$ d) $\begin{array}{r} 6975 \\ + 9879 \\ \hline \end{array}$ e) $\begin{array}{r} 6828 \\ + 6982 \\ \hline \end{array}$

f) $\begin{array}{r} 9788 \\ + 1972 \\ \hline \end{array}$ g) $\begin{array}{r} 7587 \\ + 5779 \\ \hline \end{array}$ h) $\begin{array}{r} 7273 \\ + 4887 \\ \hline \end{array}$ i) $\begin{array}{r} 9021 \\ + 1979 \\ \hline \end{array}$ j) $\begin{array}{r} 6888 \\ + 9874 \\ \hline \end{array}$

k) $\begin{array}{r} 9723 \\ + 1478 \\ \hline \end{array}$ l) $\begin{array}{r} 5967 \\ + 4545 \\ \hline \end{array}$ m) $\begin{array}{r} 8915 \\ + 6689 \\ \hline \end{array}$ n) $\begin{array}{r} 3613 \\ + 8699 \\ \hline \end{array}$ o) $\begin{array}{r} 4759 \\ + 5666 \\ \hline \end{array}$

5. These questions have missing numbers. Put in the missing numbers to make them correct.

<p>a)</p> $\begin{array}{r} 4 \square 6 \square \\ + \square 8 \square 2 \\ \hline 8 9 7 5 \end{array}$	<p>b)</p> $\begin{array}{r} \square 4 \square 3 \\ + 2 \square 7 \square \\ \hline 8 6 3 8 \end{array}$	<p>c)</p> $\begin{array}{r} 3 \square 1 \square \\ + \square 0 \square 8 \\ \hline 5 4 7 4 \end{array}$
<p>d)</p> $\begin{array}{r} \square 5 5 2 \\ + 6 \square 7 \square \\ \hline 7 9 \square 0 \end{array}$	<p>e)</p> $\begin{array}{r} \square 5 \square 4 \\ + 1 \square 0 \square \\ \hline 7 1 1 8 \end{array}$	<p>f)</p> $\begin{array}{r} 3 \square 8 \square \\ + \square 7 7 1 \\ \hline 5 6 \square 3 \end{array}$

6. Estimate the sum by rounding each addend to the nearest ten then calculate the sum.

Example

$$\begin{array}{r} 12 \\ + 27 \\ \hline 39 \end{array}$$

→

$$\begin{array}{r} 10 \\ + 30 \\ \hline 40 \end{array}$$

a)

$$\begin{array}{r} 84 \\ - + 66 \\ \hline \end{array}$$

→

b)

$$\begin{array}{r} 33 \\ + 18 \\ \hline \end{array}$$

→

c)

$$\begin{array}{r} 36 \\ + 55 \\ \hline \end{array}$$

→

d)

$$\begin{array}{r} 17 \\ + 54 \\ \hline \end{array}$$

→

e)

$$\begin{array}{r} 93 \\ + 38 \\ \hline \end{array}$$

→

7. Use a decomposition (breaking apart) strategy to add the following numbers. Example:

$$234 = 200 + 30 + 4$$

$$\underline{+482} = \underline{400 + 80 + 2}$$

$$600 + 110 + 6 = 716$$

a)

$$\begin{array}{r} 733 \\ + 252 \\ \hline \end{array} = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

b)

$$\begin{array}{r} 742 \\ + 435 \\ \hline \end{array} = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

c)

$$\begin{array}{r} 135 \\ + 287 \\ \hline \end{array} = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

d)

$$\begin{array}{r}
 691 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad} + \underline{\quad\quad\quad} \\
 + 362 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad} + \underline{\quad\quad\quad} \\
 \underline{\quad\quad\quad} + \underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad}
 \end{array}$$

e)

$$\begin{array}{r}
 582 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad} + \underline{\quad\quad\quad} \\
 + 219 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad} + \underline{\quad\quad\quad} \\
 \underline{\quad\quad\quad} + \underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad}
 \end{array}$$

8. In a school there are 458 boys and 524 girls. Find the number of students in this school.

9. Dora got \$325 from her father and \$289 from her mother. How much money does she have now?

10. Gary played a car game and scored 453 points in first round and 673 points in second round. The game was over after the second round. How many points did he have at the end of the game?

11. There are 230 lions and 140 tigers in a forest. These are the only wild animals in the forest. Find the total number of wild animals in the forest.