

CHAPTER 2: ADDITION AND SUBTRACTION WITHIN 10 000

Level 1 **Exercise 1****Addition with no regrouping**

1. $4135 + 463$ $\begin{array}{r} 4135 \\ + 463 \\ \hline \\ \hline \end{array}$	2. $5071 + 1416$ $\begin{array}{r} 5071 \\ + 1416 \\ \hline \\ \hline \end{array}$	3. $3923 + 2064$ $\begin{array}{r} 3923 \\ + 2064 \\ \hline \\ \hline \end{array}$
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Addition with regrouping in the hundreds

4. $2800 + 700$ $\begin{array}{r} 2800 \\ + 700 \\ \hline \\ \hline \end{array}$	5. $3400 + 1920$ $\begin{array}{r} 3400 \\ + 1920 \\ \hline \\ \hline \end{array}$	6. $4912 + 2675$ $\begin{array}{r} 4912 \\ + 2675 \\ \hline \\ \hline \end{array}$
7. $2825 + 1731$ $\begin{array}{r} 2825 \\ + 1731 \\ \hline \\ \hline \end{array}$	8. $6191 + 2907$ $\begin{array}{r} 6191 \\ + 2907 \\ \hline \\ \hline \end{array}$	9. $5515 + 3770$ $\begin{array}{r} 5515 \\ + 3770 \\ \hline \\ \hline \end{array}$

Addition with regrouping in ones, tens and hundreds

10. $7286 + 1915$ $\begin{array}{r} 7286 \\ + 1915 \\ \hline \\ \hline \end{array}$	11. $6724 + 2657$ $\begin{array}{r} 6724 \\ + 2657 \\ \hline \\ \hline \end{array}$	12. $5545 + 3825$ $\begin{array}{r} 5545 \\ + 3825 \\ \hline \\ \hline \end{array}$
13. $8256 + 982$ $\begin{array}{r} 8256 \\ + 982 \\ \hline \\ \hline \end{array}$	14. $3621 + 3594$ $\begin{array}{r} 3621 \\ + 3594 \\ \hline \\ \hline \end{array}$	15. $4711 + 1296$ $\begin{array}{r} 4711 \\ + 1296 \\ \hline \\ \hline \end{array}$

Exercise 2

Subtraction with no regrouping

1. $1848 - 237$ $\begin{array}{r} 1848 \\ - 237 \\ \hline \\ \hline \end{array}$	2. $6388 - 2073$ $\begin{array}{r} 6388 \\ - 2073 \\ \hline \\ \hline \end{array}$	3. $4592 - 1370$ $\begin{array}{r} 4592 \\ - 1370 \\ \hline \\ \hline \end{array}$
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Subtraction with regrouping in the thousands and hundreds

4. $1737 - 822$ $\begin{array}{r} 1737 \\ - 822 \\ \hline \\ \hline \end{array}$	5. $2065 - 1750$ $\begin{array}{r} 2065 \\ - 1750 \\ \hline \\ \hline \end{array}$	6. $9066 - 4203$ $\begin{array}{r} 9066 \\ - 4203 \\ \hline \\ \hline \end{array}$
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Subtraction with regrouping in the thousands, hundreds, tens and ones

7. $2765 - 829$ $\begin{array}{r} 2765 \\ - 829 \\ \hline \\ \hline \end{array}$	8. $4634 - 2818$ $\begin{array}{r} 4634 \\ - 2818 \\ \hline \\ \hline \end{array}$	9. $3363 - 482$ $\begin{array}{r} 3363 \\ - 482 \\ \hline \\ \hline \end{array}$
10. $5018 - 2933$ $\begin{array}{r} 5018 \\ - 2933 \\ \hline \\ \hline \end{array}$	11. $7108 - 2296$ $\begin{array}{r} 7108 \\ - 2296 \\ \hline \\ \hline \end{array}$	12. $2181 - 596$ $\begin{array}{r} 2181 \\ - 596 \\ \hline \\ \hline \end{array}$

Subtraction of numbers with zeros

13. $4006 - 179$ $\begin{array}{r} 4006 \\ - 179 \\ \hline \\ \hline \end{array}$	14. $3001 - 1808$ $\begin{array}{r} 3001 \\ - 1808 \\ \hline \\ \hline \end{array}$	15. $8002 - 7214$ $\begin{array}{r} 8002 \\ - 7214 \\ \hline \\ \hline \end{array}$
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Level 2
Exercise 1

Find the sum of the two numbers and show the workings in the space below.

1. 325 and 2471 + _____ _____	2. 1661 and 2509 + _____ _____	3. 3008 and 1993 + _____ _____
4. 1885 and 2294 + _____ _____	5. 4474 and 2819 + _____ _____	6. 4781 and 1219 + _____ _____

Find the difference between the two numbers and show the workings in the space below.

7. 6820 and 8735 - _____ _____	8. 4283 and 1285 - _____ _____	9. 3608 and 2117 - _____ _____
10. 2607 and 3430 - _____ _____	11. 4000 and 1272 - _____ _____	12. 1923 and 5201 - _____ _____

8. Find the sum of 993 and 1280. From the answer, the sum of all the digits is _____.

- (1) 11 (2) 14
(3) 17 (4) 21 ()

9. Find the difference between 3500 and 1688. From the answer, the sum of all the digits is _____.

- (1) 23 (2) 22
(3) 12 (4) 8 ()

10. Observe the working shown below. What is the mistake in the working?

$$\begin{array}{r} 12\ 14\ 5\ 5 \\ +\ 1\ 6\ 8\ 9 \\ \hline 4\ 1\ 3\ 4 \end{array}$$

- (1) The ones are not regrouped into tens and ones.
(2) The tens are not regrouped into hundreds and tens.
(3) The hundreds are not regrouped into thousands and hundreds.
(4) There is no mistake in the working. ()

11. Observe the working shown below. What is the mistake in the working?

$$\begin{array}{r} 6\ 7\ 0\ 9 \\ -\ 3\ 5\ 5\ 8 \\ \hline 3\ 2\ 5\ 1 \end{array}$$

- (1) The tens and ones are not regrouped.
(2) The hundreds and tens are not regrouped.
(3) The thousands and hundreds are not regrouped.
(4) There is no mistake in the working. ()

12. Which statement is correct?

- (1) 3 thousands = 2 thousands 9 hundreds 9 tens 9 ones
- (2) 7 thousands 2 ones = 6 thousands 9 hundreds 9 tens 12 ones
- (3) 5 thousands 2 tens = 4 thousands 9 hundreds 12 tens 10 ones
- (4) 2 thousands = 1 thousand 9 hundreds 9 tens 19 ones

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CHAPTER 2: ADDITION AND SUBTRACTION WITHIN 10 000**Level 3****Exercise 1**

1. There are two numbers, 3550 and 2878. Find the sum of the two numbers. Find the difference between the two numbers.

2. The sum of two numbers is 2000. The first number is 780. What is the second number?

3. The difference between two numbers is 2111. The greater number is 7000. What is the smaller number?

4. The difference between two numbers is 609. The smaller number is 2812. What is the greater number?

5. The sum of two numbers is 4000. One of the numbers is 1105.
- Find the other number.
 - Find the difference between the two numbers.

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6. The sum of two numbers is 8099. One of the numbers is 2801.
Find the difference between the two numbers.

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7. The difference between two numbers is 178. The greater number is 2080.
- Find the smaller number.
 - Find the sum of the two numbers.

8. The difference between two numbers is 3803. The smaller number is 2198.

- (a) Find the greater number.
- (b) Find the sum of the two numbers.

9. The difference between two numbers is 3007. The smaller number is 2598. Find the sum of the two numbers.

10. Using all the digits: 5, 9, 8, form the greatest and smallest 3-digit numbers. Then, find the sum of these two numbers.

11. Using all the digits: 6, 1, 7, 4, form the greatest and smallest 4-digit numbers. Then, find the sum of these two numbers.

12. Using all the digits: 8, 9, 2, 6, form the greatest and smallest 4-digit numbers. Then, find the difference between these two numbers.

Exercise 2

Fill in the missing digits.

<p>1.</p> $\begin{array}{r} 231\Box \\ + 786 \\ \hline 3101 \end{array}$	<p>2.</p> $\begin{array}{r} 3\Box89 \\ + 1236 \\ \hline 5125 \end{array}$	<p>3.</p> $\begin{array}{r} 1811 \\ + 15\Box9 \\ \hline 3410 \end{array}$
<p>4.</p> $\begin{array}{r} 240\Box \\ + 1799 \\ \hline 4\Box03 \end{array}$	<p>5.</p> $\begin{array}{r} 1576 \\ + 5\Box8 \\ \hline \Box084 \end{array}$	<p>6.</p> $\begin{array}{r} 3\Box28 \\ + 2490 \\ \hline 591\Box \end{array}$
<p>7.</p> $\begin{array}{r} 231\Box \\ - 516 \\ \hline 1795 \end{array}$	<p>8.</p> $\begin{array}{r} 3\Box00 \\ - 2531 \\ \hline 769 \end{array}$	<p>9.</p> $\begin{array}{r} 4123 \\ - 3\Box88 \\ \hline 235 \end{array}$
<p>10.</p> $\begin{array}{r} 507\Box \\ - \Box426 \\ \hline 1648 \end{array}$	<p>11.</p> $\begin{array}{r} 2865 \\ - 17\Box4 \\ \hline 1\Box91 \end{array}$	<p>12.</p> $\begin{array}{r} 6138 \\ - 2\Box17 \\ \hline 41\Box1 \end{array}$