

## Year 3 Term 1 Homework

<b>Student Name:</b> _____	<b>Grade:</b> _____
<b>Date:</b> _____	<b>Score:</b> _____

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## 2 Year 3 Term 1 Week 2 Homework

### 2.1 Topic 1 — Numeration

#### 2.1.1 Number Patterns:

- ① 95, 86, 77, 68, 59, 50, 41,    \_\_\_ , \_\_\_
  - ② 13, 15, 17, 19, 21, 23, 25,    \_\_\_ , \_\_\_
  - ③ 34, 38, 42, 46, 50, 54, 58,    \_\_\_ , \_\_\_
  - ④ 25, 29, 33, 37, 41, 45, 49,    \_\_\_ , \_\_\_
  - ⑤ 86, 79, 72, 65, 58, 51, 44,    \_\_\_ , \_\_\_
  - ⑥ 36, 40, 44, 48, 52, 56, 60,    \_\_\_ , \_\_\_
  - ⑦ 75, 69, 63, 57, 51, 45, 39,    \_\_\_ , \_\_\_
  - ⑧ 68, 73, 78, 83, 88, 93, 98,    \_\_\_ , \_\_\_
  - ⑨ 76, 67, 58, 49, 40, 31, 22,    \_\_\_ , \_\_\_
  - ⑩ 99, 93, 87, 81, 75, 69, 63,    \_\_\_ , \_\_\_
  - ⑪ 27, 35, 43, 51, 59, 67, 75,    \_\_\_ , \_\_\_
  - ⑫ 29, 36, 43, 50, 57, 64, 71,    \_\_\_ , \_\_\_
  - ⑬ 9, 15, 21, 27, 33, 39, 45,    \_\_\_ , \_\_\_
  - ⑭ 68, 65, 62, 59, 56, 53, 50,    \_\_\_ , \_\_\_
  - ⑮ 42, 47, 52, 57, 62, 67, 72,    \_\_\_ , \_\_\_
  - ⑯ 61, 57, 53, 49, 45, 41, 37,    \_\_\_ , \_\_\_
-

**2.1.2 Place Value:****Find the value of the underlined digits:**

①  $\underline{3}8 = \underline{\hspace{2cm}}$

②  $1\underline{1}0 = \underline{\hspace{2cm}}$

③  $\underline{4}4 = \underline{\hspace{2cm}}$

④  $5\underline{5} = \underline{\hspace{2cm}}$

⑤  $16\underline{4} = \underline{\hspace{2cm}}$

⑥  $\underline{2}39 = \underline{\hspace{2cm}}$

⑦  $80\underline{5} = \underline{\hspace{2cm}}$

⑧  $\underline{5}3 = \underline{\hspace{2cm}}$

⑨  $\underline{9}40 = \underline{\hspace{2cm}}$

⑩  $4\underline{0}9 = \underline{\hspace{2cm}}$

⑪  $\underline{9}2 = \underline{\hspace{2cm}}$

⑫  $15\underline{5} = \underline{\hspace{2cm}}$

⑬  $\underline{9}1 = \underline{\hspace{2cm}}$

⑭  $\underline{7}56 = \underline{\hspace{2cm}}$

⑮  $58\underline{8} = \underline{\hspace{2cm}}$

⑯  $\underline{7}3 = \underline{\hspace{2cm}}$

⑰  $\underline{1}33 = \underline{\hspace{2cm}}$

⑱  $3\underline{4} = \underline{\hspace{2cm}}$

⑲  $6\underline{2} = \underline{\hspace{2cm}}$

⑳  $9\underline{9} = \underline{\hspace{2cm}}$

**2.1.3 Roman Numerals:****Change the Roman numerals into our numerals:**

$$\textcircled{1} \quad \text{CCCXXXIX} = \underline{\hspace{2cm}} \quad \textcircled{2} \quad \text{CCCLXXXI} = \underline{\hspace{2cm}}$$

$$\textcircled{3} \quad \text{C} = \underline{\hspace{2cm}} \quad \textcircled{4} \quad \text{CXXXII} = \underline{\hspace{2cm}}$$

$$\textcircled{5} \quad \text{CCXVI} = \underline{\hspace{2cm}} \quad \textcircled{6} \quad \text{XLVI} = \underline{\hspace{2cm}}$$

$$\textcircled{7} \quad \text{CDXXX} = \underline{\hspace{2cm}} \quad \textcircled{8} \quad \text{CCXXVI} = \underline{\hspace{2cm}}$$

$$\textcircled{9} \quad \text{DL} = \underline{\hspace{2cm}} \quad \textcircled{10} \quad \text{CCXX} = \underline{\hspace{2cm}}$$

$$\textcircled{11} \quad \text{CXXXVI} = \underline{\hspace{2cm}} \quad \textcircled{12} \quad \text{CCLIII} = \underline{\hspace{2cm}}$$

$$\textcircled{13} \quad \text{LXXXVI} = \underline{\hspace{2cm}} \quad \textcircled{14} \quad \text{CCXXXIV} = \underline{\hspace{2cm}}$$

$$\textcircled{15} \quad \text{CCLIV} = \underline{\hspace{2cm}} \quad \textcircled{16} \quad \text{CI} = \underline{\hspace{2cm}}$$

$$\textcircled{17} \quad \text{CLVIII} = \underline{\hspace{2cm}} \quad \textcircled{18} \quad \text{CCCIX} = \underline{\hspace{2cm}}$$

$$\textcircled{19} \quad \text{CDXXIX} = \underline{\hspace{2cm}} \quad \textcircled{20} \quad \text{CVII} = \underline{\hspace{2cm}}$$

Change the Hindu-Arabic numerals into Roman numerals:

① 185 = \_\_\_\_\_

② 446 = \_\_\_\_\_

③ 141 = \_\_\_\_\_

④ 347 = \_\_\_\_\_

⑤ 197 = \_\_\_\_\_

⑥ 552 = \_\_\_\_\_

⑦ 511 = \_\_\_\_\_

⑧ 183 = \_\_\_\_\_

⑨ 321 = \_\_\_\_\_

⑩ 139 = \_\_\_\_\_

⑪ 136 = \_\_\_\_\_

⑫ 345 = \_\_\_\_\_

⑬ 524 = \_\_\_\_\_

⑭ 89 = \_\_\_\_\_

⑮ 464 = \_\_\_\_\_

⑯ 282 = \_\_\_\_\_

⑰ 562 = \_\_\_\_\_

⑱ 555 = \_\_\_\_\_

⑲ 516 = \_\_\_\_\_

⑳ 41 = \_\_\_\_\_

**2.2 Topic 2 — Addition 2**

$$\begin{array}{r} \textcircled{1} \quad 491 \\ + 490 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 362 \\ + 362 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 192 \\ + 263 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 326 \\ + 388 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 129 \\ + 23 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 124 \\ + 471 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 299 \\ + 237 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 34 \\ + 164 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 93 \\ + 337 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 340 \\ + 66 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 15 \\ + 437 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 109 \\ + 113 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{13} \quad 454 \\ + 106 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad 376 \\ + 308 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{15} \quad 455 \\ + 88 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{16} \quad 469 \\ + 476 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{17} \quad 422 \\ + 91 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{18} \quad 211 \\ + 24 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{19} \quad 400 \\ + 14 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{20} \quad 172 \\ + 142 \\ \hline \\ \hline \end{array}$$

**2.3 Topic 3 — Subtraction 2**

$$\begin{array}{r} \textcircled{1} \quad 478 \\ - 54 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 448 \\ - 151 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 41 \\ - 14 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 68 \\ - 39 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 112 \\ - 51 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 62 \\ - 11 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 191 \\ - 47 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 434 \\ - 89 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 178 \\ - 11 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 23 \\ - 11 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 450 \\ - 172 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 457 \\ - 192 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{13} \quad 398 \\ - 128 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad 423 \\ - 156 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{15} \quad 521 \\ - 170 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{16} \quad 452 \\ - 164 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{17} \quad 421 \\ - 92 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{18} \quad 130 \\ - 80 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{19} \quad 485 \\ - 25 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{20} \quad 446 \\ - 163 \\ \hline \\ \hline \end{array}$$

**2.4 Topic 4 — Multiplication 2**

$$\begin{array}{r} \textcircled{1} \quad 63 \\ \times 36 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 82 \\ \times 25 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 94 \\ \times 34 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 64 \\ \times 41 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 91 \\ \times 37 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 59 \\ \times 40 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 97 \\ \times 17 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 50 \\ \times 34 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 70 \\ \times 47 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 56 \\ \times 23 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 67 \\ \times 39 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 49 \\ \times 17 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{13} \quad 61 \\ \times 47 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad 87 \\ \times 19 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{15} \quad 72 \\ \times 46 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{16} \quad 79 \\ \times 41 \\ \hline \end{array}$$



## 2.5 Problem Solving (Numeration)

### Exercise 2.5.1

1. What number is 21 more than 59?  
(A) 60                      (B) 70                      (C) 80                      (D) 90
  
2. What number is 21 less 59 ?  
(A) 38                      (B) 48                      (C) 28                      (D) 36
  
3. What number is 1 less than 89?  
(A) 90                      (B) 88                      (C) 78                      (D) 87
  
4. What number is 10 more than 37?  
(A) 38                      (B) 47                      (C) 57                      (D) 27
  
5. What number is 120 more than 352?  
(A) 372                      (B) 327                      (C) 427                      (D) 472
  
6. What number is 50 less than 230?  
(A) 170                      (B) 160                      (C) 190                      (D) 180
  
7. What is the value of 5 in the number of 853?  
(A) 5 ones                      (B) 5 tens                      (C) 5 hundreds                      (D) none of these
  
8. What is the value of 3 in the number of 3125?  
(A) 3 ones                      (B) 3 tens                      (C) 3 hundreds                      (D) 3 thousands
  
9. What number is three hundreds more than  $500 + 20 + 7$  ?  
(A) 527                      (B) 827                      (C) 557                      (D) 727
  
10. How many tonnes do you think the aircraft might weigh?  
(A) 30 tonnes                      (B) 300 tonnes                      (C) 3000 tonnes                      (D) 3 tonnes

**Exercise 2.5.2**

1. What number multiplied by 9 equals 6 dozen?  
(A) 7                      (B) 8                      (C) 9                      (D) 10
  
2. How many hundreds are there in 3 thousands, 9 hundreds, 3 tens and 9 ones?  
(A) 39                      (B) 30                      (C) 9                      (D) 393
  
3. How many halves in  $2\frac{1}{2}$ ?  
(A) 1                      (B) 2                      (C) 3                      (D) 5
  
4. How many 5-cent coins in 70 cents?  
(A) 12                      (B) 13                      (C) 14                      (D) 15
  
5. How many 2-cent coins in 50 cents?  
(A) 20                      (B) 50                      (C) 15                      (D) 25
  
6. What digit represents thousands in 12345?  
(A) 1                      (B) 2                      (C) 3                      (D) 4
  
7.  $\frac{1}{2}$  kg meat at \$6.00 per kg.  
(A) \$2                      (B) \$3                      (C) \$4                      (D) \$12
  
8. How many metres in a kilometre?  
(A) 10                      (B) 100                      (C) 1000                      (D) 1
  
9. How many 40 cents cakes could I buy for \$2?  
(A) 2                      (B) 3                      (C) 4                      (D) 5
  
10. 3 kg of tomatoes at \$2 per kg.  
(A) \$4                      (B) \$5                      (C) \$6                      (D) \$8

**Exercise 2.5.3**

1. How many hours from 9 a.m. to 3 p.m.?

- (A) 7 hours                      (B) 6 hours                      (C) 5 hours                      (D) 4 hours

2. How many days in 4 weeks + 5 days?

- (A) 28 days                      (B) 30 days                      (C) 32 days                      (D) 33 days

3. How many times can 6 be subtracted from 24?

- (A) 6                      (B) 5                      (C) 4                      (D) 3

4. How many centimetres in a metre?

- (A) 1                      (B) 10                      (C) 100                      (D) 1000

5.  $6 \times 8 = \square \times 12$ . Find the missing number in the box.

- (A) 2                      (B) 3                      (C) 4                      (D) 6

6. What is the average of 10 and 18? \_\_\_\_\_

7. What is the average of 6, 8 and 13? \_\_\_\_\_

8. Each taxi can take 5 people. How many taxis will be needed for 28 people? \_\_\_\_\_

9. Keith has 38 books. He has 24 reference books and the rest are story books.

(a) How many story books does Keith have? \_\_\_\_\_

(b) Which type of book does Keith have more of? \_\_\_\_\_

(c) How many more does he have? \_\_\_\_\_

10. A book case has 3 shelves. On the middle shelf there are 45 books, 8 more than there are on the top shelf and 9 less than there are on the bottom shelf.

(a) How many books are on the top shelf? \_\_\_\_\_

(b) How many books are there on the bottom shelf? \_\_\_\_\_

(c) How many books are there altogether? \_\_\_\_\_

**2.6 Quiz 2**

1. What is the smallest even number more than 100? \_\_\_\_\_
2. What is the normal body temperature? \_\_\_\_\_
3. 36 marbles are shared equally among nine children. How many marbles did each of them receive?  
\_\_\_\_\_
4. How many 5 cents are there in 2 dollars? \_\_\_\_\_
5. If today is Sunday, what day was it 9 days ago? \_\_\_\_\_
6. I am twice the result of adding 5 and 6. What number am I? \_\_\_\_\_
7. What is five more than 298 ? \_\_\_\_\_
8. What is the total of the next four even numbers after 10? \_\_\_\_\_
9. What is the total of the next four odd numbers after 9? \_\_\_\_\_
10. What number comes half way between 20 and 30? \_\_\_\_\_
11. What is the average of 12 and 18? \_\_\_\_\_
12. How many days are there in 7 weeks? \_\_\_\_\_
13. How many days are there in November and December? \_\_\_\_\_
14. How many halves are in  $5\frac{1}{2}$ ? \_\_\_\_\_
15. How many grams are there in 2.5 kg? \_\_\_\_\_
16. How many 50 cents cakes could I buy for \$3? \_\_\_\_\_
17. What number is 59 more than 147? \_\_\_\_\_
18. What number is 49 less than 240? \_\_\_\_\_
19. How many kg are there in 2 tonnes? \_\_\_\_\_
20. What is the value of 3 in the number 238? \_\_\_\_\_