

## Year 3 Term 1 Homework

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

### Table of contents

<b>6</b>	<b>Year 3 Term 1 Week 6 Homework</b>	<b>1</b>
6.1	Topic 1 — Roman Numerals . . . . .	1
6.1.1	Change the Roman numerals into our numerals: . . . . .	1
6.1.2	Change the Hindu-Arabic numerals into Roman numerals: . . . . .	2
6.2	Topic 2 — Puzzles (Across Downs) . . . . .	3
6.2.1	Across down (Additions) . . . . .	3
6.2.2	Across down (Subtractions) . . . . .	4
6.3	Topic 3 — Multiplication . . . . .	5
6.4	Topic 4 — Divisions . . . . .	8
6.4.1	Divisions without remainders . . . . .	8
6.4.2	Divisions with whole number remainders . . . . .	9
6.5	Topic 5 — Number Patterns . . . . .	10
6.6	Problem Solving (Number problems) . . . . .	11
6.7	Miscellaneous Exercises . . . . .	12

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## 6 Year 3 Term 1 Week 6 Homework

### 6.1 Topic 1 — Roman Numerals

#### 6.1.1 Change the Roman numerals into our numerals:

- |                     |                  |
|---------------------|------------------|
| ① XXXI = _____      | ② CLIV = _____   |
| ③ XXXVIII = _____   | ④ XXVII = _____  |
| ⑤ XXXVI = _____     | ⑥ XV = _____     |
| ⑦ CLXXXVIII = _____ | ⑧ XCIX = _____   |
| ⑨ CXLVII = _____    | ⑩ CXCVI = _____  |
| ⑪ CLV = _____       | ⑫ LXII = _____   |
| ⑬ CXVI = _____      | ⑭ CLXXIX = _____ |
| ⑮ XXXV = _____      | ⑯ XLII = _____   |
| ⑰ CXXVII = _____    | ⑱ XCII = _____   |
| ⑲ XXVI = _____      | ⑳ XCVII = _____  |
| ㉑ CXXIX = _____     | ㉒ XLI = _____    |
| ㉓ CXXXVII = _____   | ㉔ CXXI = _____   |

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Score: \_\_\_\_\_

**6.1.2 Change the Hindu-Arabic numerals into Roman numerals:**

① 105 = \_\_\_\_\_

② 36 = \_\_\_\_\_

③ 175 = \_\_\_\_\_

④ 196 = \_\_\_\_\_

⑤ 24 = \_\_\_\_\_

⑥ 70 = \_\_\_\_\_

⑦ 106 = \_\_\_\_\_

⑧ 158 = \_\_\_\_\_

⑨ 199 = \_\_\_\_\_

⑩ 15 = \_\_\_\_\_

⑪ 112 = \_\_\_\_\_

⑫ 18 = \_\_\_\_\_

⑬ 50 = \_\_\_\_\_

⑭ 153 = \_\_\_\_\_

⑮ 88 = \_\_\_\_\_

⑯ 167 = \_\_\_\_\_

⑰ 67 = \_\_\_\_\_

⑱ 155 = \_\_\_\_\_

⑲ 101 = \_\_\_\_\_

⑳ 51 = \_\_\_\_\_

㉑ 197 = \_\_\_\_\_

㉒ 120 = \_\_\_\_\_

㉓ 99 = \_\_\_\_\_

㉔ 163 = \_\_\_\_\_

Score: \_\_\_\_\_

## 6.2 Topic 2 — Puzzles (Across Downs)

### 6.2.1 Across down (Additions)

1

39	+	36	+	30	=	
+		+		+		+
3	+	39	+	45	=	
+		+		+		+
33	+	16	+	49	=	
=		=		=		=
	+		+		=	

2

37	+	4	+	16	=	
+		+		+		+
17	+	43	+	20	=	
+		+		+		+
29	+	6	+	1	=	
=		=		=		=
	+		+		=	

3

32	+	5	+	8	=	
+		+		+		+
16	+	35	+	10	=	
+		+		+		+
15	+	38	+	1	=	
=		=		=		=
	+		+		=	

4

29	+	13	+	39	=	
+		+		+		+
25	+	34	+	28	=	
+		+		+		+
18	+	30	+	11	=	
=		=		=		=
	+		+		=	

Score:

6.2.2 Across down (Subtractions)

1

135	-	56	-	38	=	
-		-		-		-
53	-	8	-	21	=	
-		-		-		-
34	-	19	-	5	=	
=		=		=		=
	-		-		=	

2

158	-	64	-	42	=	
-		-		-		-
65	-	10	-	27	=	
-		-		-		-
41	-	27	-	3	=	
=		=		=		=
	-		-		=	

3

114	-	48	-	50	=	
-		-		-		-
55	-	11	-	31	=	
-		-		-		-
27	-	16	-	9	=	
=		=		=		=
	-		-		=	

4

130	-	50	-	36	=	
-		-		-		-
51	-	4	-	23	=	
-		-		-		-
28	-	16	-	3	=	
=		=		=		=
	-		-		=	

Score:

**6.3 Topic 3 — Multiplication**

$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$$

Score: \_\_\_\_\_

$$\begin{array}{r} 4 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$$

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Score:

$$\begin{array}{r} \textcircled{1} \quad 88 \\ \times 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 255 \\ \times 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 64 \\ \times 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 96 \\ \times 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 803 \\ \times 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 89 \\ \times 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 658 \\ \times 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 72 \\ \times 10 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 467 \\ \times 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 58 \\ \times 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 901 \\ \times 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 275 \\ \times 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{13} \quad 92 \\ \times 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad 572 \\ \times 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{15} \quad 88 \\ \times 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{16} \quad 113 \\ \times 10 \\ \hline \\ \hline \end{array}$$

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Score:



**6.4 Topic 4 — Divisions****6.4.1 Divisions without remainders**

①

$$4 \overline{) 60}$$

②

$$4 \overline{) 32}$$

③

$$3 \overline{) 147}$$

④

$$5 \overline{) 20}$$

⑤

$$3 \overline{) 138}$$

⑥

$$8 \overline{) 88}$$

⑦

$$4 \overline{) 120}$$

⑧

$$7 \overline{) 91}$$

⑨

$$7 \overline{) 49}$$

⑩

$$6 \overline{) 48}$$

⑪

$$7 \overline{) 98}$$

⑫

$$4 \overline{) 80}$$

⑬

$$4 \overline{) 24}$$

⑭

$$3 \overline{) 78}$$

⑮

$$6 \overline{) 66}$$

⑯

$$8 \overline{) 40}$$

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Score:

## 6.4.2 Divisions with whole number remainders

①

$$6 \overline{) 79}$$

②

$$3 \overline{) 127}$$

③

$$9 \overline{) 106}$$

④

$$3 \overline{) 20}$$

⑤

$$4 \overline{) 117}$$

⑥

$$5 \overline{) 126}$$

⑦

$$3 \overline{) 107}$$

⑧

$$7 \overline{) 146}$$

⑨

$$2 \overline{) 88}$$

⑩

$$8 \overline{) 93}$$

⑪

$$9 \overline{) 28}$$

⑫

$$6 \overline{) 98}$$

⑬

$$7 \overline{) 42}$$

⑭

$$7 \overline{) 83}$$

⑮

$$9 \overline{) 67}$$

⑯

$$9 \overline{) 83}$$

---

Score:

**6.5 Topic 5 — Number Patterns**

① 4, 10, 16, 22, 28, 34, 40,    \_\_\_ , \_\_\_

② 60, 56, 52, 48, 44, 40, 36,    \_\_\_ , \_\_\_

③ 56, 61, 66, 71, 76, 81, 86,    \_\_\_ , \_\_\_

④ 98, 92, 86, 80, 74, 68, 62,    \_\_\_ , \_\_\_

⑤ 46, 43, 40, 37, 34, 31, 28,    \_\_\_ , \_\_\_

⑥ 70, 68, 66, 64, 62, 60, 58,    \_\_\_ , \_\_\_

⑦ 0, 3, 6, 9, 12, 15, 18,    \_\_\_ , \_\_\_

⑧ 87, 81, 75, 69, 63, 57, 51,    \_\_\_ , \_\_\_

⑨ 65, 70, 75, 80, 85, 90, 95,    \_\_\_ , \_\_\_

⑩ 91, 82, 73, 64, 55, 46, 37,    \_\_\_ , \_\_\_

⑪ 43, 48, 53, 58, 63, 68, 73,    \_\_\_ , \_\_\_

⑫ 59, 61, 63, 65, 67, 69, 71,    \_\_\_ , \_\_\_

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Score:

**6.6 Problem Solving (Number problems)****Exercise 6.6.1 Solve the following number problems**

1. Eighteen more than a number is 33. What is the number?

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2. The sum of a number and 13 is 32. Find the number.

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3. The product of a number and 7 is 56. What is the number?

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4. A number decreased by 31 is 32. Find the number.

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5. Half of a number is 6. What is the number?

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6. One quarter of a number is 4. What is the number?

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7. The product of nine and a number is 72. What is the number?

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8. Five times a number is 20. What is the number?

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9. The product of two and a number is 36. Find the number.

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10. A number diminished by 8 is 23. What is the number?

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11. The difference of a number and thirteen is equal to 19. What is the number?

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12. A number increased by 17 is 26. Find the number.

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## 6.7 Miscellaneous Exercises

### Exercise 6.7.1 Multiple choice

- 23560 rounded off to the nearest hundred is:  
A. 23660                      B. 23500                      C. 23600                      D. 23560
- Ray's frog jumped 39 cm. Michael's frog jumped 58 cm. How much further did Michael's frog jump than Ray's frog?  
A. 15cm                      B. 17cm                      C. 19cm                      D. 21cm
- 12 tens and 34 hundreds is equal to  
A. 1234                      B. 3520                      C. 3312                      D. 34120
- How many hundreds are there in 3 thousands, 6 hundreds and 3 tens and 7 units?  
A. 36                      B. 63                      C. 37                      D. 30
- What is the smallest even number more than 200?  
A. 198                      B. 202                      C. 201                      D. 204
- There are 29 children in our class. 15 travel by car. 8 travel by bus and the rest walk. How many walk to school?  
A. 5                      B. 6                      C. 7                      D. 8
- If Tony had 3 more than 40 marbles and Jack had 9 less than Tony, how many marbles did the two boys have altogether?  
A. 77                      B. 56                      C. 65                      D. 83
- How many minutes are there from 7:35 am to 11: 20 am?  
A. 210 min                      B. 225 min                      C. 165 min                      D. 285 min
- What is the smallest number that can be taken away from 30 so the answer can be divided exactly by 7?  
A. 1                      B. 2                      C. 3                      D. 4
- I am twice the result of adding 5 and 8. What number am I?  
A. 28                      B. 16                      C. 26                      D. 24

**Exercise 6.7.2 Problem Solving**

1. George weighs 34 kg and Bob is 5 kg heavier. What is the combined weight of the two boys?

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2. Cathy is 87 cm tall. How much shorter than a metre is she?

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3. What is the least number of Australian bank notes that make up \$145?

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4. In our class 6 children sit at each table. if there are 4 tables that are full and one half full, how many children were in the classroom?

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5. What number comes half way between 18 and 24?

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6. What is the smallest number that can be added to 54 so the answer can be divided exactly by 7?

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7. What number multiplied by 3 is 4 times 6?

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8. I bought a magazine for \$1.75 and a book for \$7.25.

(a) How much did I spend altogether?

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(b) What change would I receive from \$10?

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9. Jessica bought 4 erasers at 30 ¢ each and 3 pencils at 40 ¢ each.

(a) How much money did she spend altogether?

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(b) How much did she receive from \$5.00?

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10. At the fruit market, 8 apples cost \$2.40.

(a) How much does one apple cost?

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(b) How much change from \$2 would I receive if I bought 5 apples?

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11. Which 4 Australian bank notes can be used to make \$95?

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