

Year 3 Term 1 Homework

Student Name: _____	Grade: _____
Date: _____	Score: _____

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7 Year 3 Term 1 Week 7 Homework

7.1 Topic 1 — Roman Numerals

7.1.1 Change the Roman numerals into our numerals:

- | | |
|--------------------|----------------------|
| ① XLVI = _____ | ② CDLXXXIII = _____ |
| ③ CLXXI = _____ | ④ LXXXVIII = _____ |
| ⑤ CXLIII = _____ | ⑥ CCXV = _____ |
| ⑦ CCXXXV = _____ | ⑧ CDXXIII = _____ |
| ⑨ CDLXIX = _____ | ⑩ CDLXXXVIII = _____ |
| ⑪ CCCLI = _____ | ⑫ CDXXXVIII = _____ |
| ⑬ CXCIV = _____ | ⑭ CCXXV = _____ |
| ⑮ CXXII = _____ | ⑯ CDXCVIII = _____ |
| ⑰ CLVII = _____ | ⑱ LXX = _____ |
| ⑲ CDXLIX = _____ | ⑳ CCCLXIII = _____ |
| ㉑ CLIII = _____ | ㉒ CLXXXIV = _____ |
| ㉓ CCCXXXIX = _____ | ㉔ CDXIII = _____ |

Score: _____

7.1.2 Change the Hindu-Arabic numerals into Roman numerals:

① $370 =$ _____

② $108 =$ _____

③ $491 =$ _____

④ $429 =$ _____

⑤ $463 =$ _____

⑥ $387 =$ _____

⑦ $489 =$ _____

⑧ $395 =$ _____

⑨ $440 =$ _____

⑩ $325 =$ _____

⑪ $198 =$ _____

⑫ $156 =$ _____

⑬ $123 =$ _____

⑭ $257 =$ _____

⑮ $175 =$ _____

⑯ $326 =$ _____

⑰ $134 =$ _____

⑱ $403 =$ _____

⑲ $435 =$ _____

⑳ $56 =$ _____

㉑ $186 =$ _____

㉒ $132 =$ _____

㉓ $204 =$ _____

㉔ $221 =$ _____

Score: _____

7.2 Topic 2 — Puzzles (Across Downs)

7.2.1 Across down (Additions & Subtractions)

1

11	-	2	+	16	=	
-		+		-		+
2	+	14	-	4	=	
+		-		+		+
15	-	4	+	4	=	
=		=		=		=
	+		+		=	

2

10	-	4	+	10	=	
-		+		-		+
4	+	18	-	2	=	
+		-		+		+
18	-	2	+	11	=	
=		=		=		=
	+		+		=	

3

20	-	14	+	25	=	
-		+		-		+
14	+	15	-	6	=	
+		-		+		+
5	-	4	+	29	=	
=		=		=		=
	+		+		=	

4

23	-	10	+	20	=	
-		+		-		+
10	+	15	-	10	=	
+		-		+		+
15	-	6	+	20	=	
=		=		=		=
	+		+		=	

Score:

7.3 Topic 3 — Multiplication

$$\begin{array}{r} \textcircled{1} \quad 72 \\ \times 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 683 \\ \times 10 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 65 \\ \times 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 887 \\ \times 11 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 100 \\ \times 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 92 \\ \times 12 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 94 \\ \times 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 90 \\ \times 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 85 \\ \times 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 81 \\ \times 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 191 \\ \times 12 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 430 \\ \times 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{13} \quad 62 \\ \times 10 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad 792 \\ \times 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{15} \quad 955 \\ \times 10 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{16} \quad 80 \\ \times 7 \\ \hline \\ \hline \end{array}$$

Score:

7.4 Topic 4 — Divisions**7.4.1 Divisions without remainders**

①

$$2 \overline{) 112}$$

②

$$7 \overline{) 161}$$

③

$$5 \overline{) 155}$$

④

$$6 \overline{) 96}$$

⑤

$$7 \overline{) 196}$$

⑥

$$3 \overline{) 21}$$

⑦

$$9 \overline{) 90}$$

⑧

$$6 \overline{) 42}$$

⑨

$$5 \overline{) 135}$$

⑩

$$2 \overline{) 28}$$

⑪

$$5 \overline{) 50}$$

⑫

$$4 \overline{) 48}$$

⑬

$$6 \overline{) 180}$$

⑭

$$3 \overline{) 96}$$

⑮

$$7 \overline{) 126}$$

⑯

$$7 \overline{) 35}$$

Score:

7.4.2 Divisions with whole number remainders

①

$$8 \overline{) 83}$$

②

$$8 \overline{) 185}$$

③

$$4 \overline{) 143}$$

④

$$8 \overline{) 190}$$

⑤

$$4 \overline{) 180}$$

⑥

$$3 \overline{) 97}$$

⑦

$$5 \overline{) 54}$$

⑧

$$2 \overline{) 160}$$

⑨

$$4 \overline{) 69}$$

⑩

$$6 \overline{) 31}$$

⑪

$$8 \overline{) 161}$$

⑫

$$4 \overline{) 129}$$

⑬

$$5 \overline{) 162}$$

⑭

$$2 \overline{) 91}$$

⑮

$$5 \overline{) 80}$$

⑯

$$4 \overline{) 134}$$

Score:

7.5 Topic 5 — Number Patterns

① 52, 55, 58, 61, 64, 67, 70, __, __

② 8, 15, 22, 29, 36, 43, 50, __, __

③ 42, 51, 59, 66, 72, 77, 81, __, __

④ 62, 66, 70, 74, 78, 82, 86, __, __

⑤ 4, 6, 8, 10, 12, 14, 16, __, __

⑥ 5, 13, 21, 29, 37, 45, 53, __, __

⑦ 86, 80, 74, 68, 62, 56, 50, __, __

⑧ 45, 50, 56, 63, 71, 80, 90, __, __

⑨ 42, 34, 37, 28, 31, 21, 24, __, __

⑩ 69, 67, 65, 62, 60, 56, 54, __, __

⑪ 14, 17, 20, 23, 26, 29, 32, __, __

⑫ 71, 67, 65, 60, 58, 52, 50, __, __

Score:

7.6 Problem Solving (Number problems)**Exercise 7.6.1 Solve the following number problems**

1. *One-half of a number is 4. Find the number.*

2. *A number decreased by 8 is 6. What is the number?*

3. *Four less than a number is 8. Find the number.*

4. *Five more than a number is twelve. Find the number.*

5. *A number increased by 6 is 18. Find the number.*

6. *The product of three and a number is 12. What is the number?*

7. *One-third of a number is 2. Find the number.*

8. *The difference of a number and 4 is 9. What is the number?*

9. *Seven is equal to the quotient of a number and 6. Find the number.*

10. *The product of six and a number is 12. What is the number?*

11. *Twice a number is 8. What is the number?*

12. *Seven less than a number is 9. Find the number.*

7.7 Miscellaneous exercises**Exercise 7.7.1 Multiple choice**

1. *How many days are there in February and March in a leap year?*
A. 60 B. 61 C. 62 D. 59

2. *28 is equal to the product of seven and some number. What is the number?*
A. 1 B. 2 C. 3 D. 4

3. *How many minutes are there in 2 and a half hours?*
A. 120 B. 150 C. 240 D. 135

4. *How many weeks are there in a half year?*
A. 52 B. 28 C. 32 D. 26

5. *How many hours are there in five days?*
A. 100 B. 105 C. 150 D. 120

6. *How many minutes are there from 8:45a.m. to 11:30a.m.?*
A. 125 B. 135 C. 145 D. 165

7. *50% is equal to:*
A. 0.2 B. 0.25 C. 0.5 D. 0.55

8. *I bought a magazine for \$5.75 and a book for \$7.35. How much more does the book cost than the magazine?*
A. \$1.5 B. \$1.55 C. \$1.60 D. \$1.65

9. *Which number is biggest three digit number?*
A. 453 B. 534 C. 435 D. 543

10. *At the fruit market, 8 apples cost \$2.80. How much does each apple cost?*
A. \$0.25 B. \$0.35 C. \$0.45 D. \$0.55

Exercise 7.7.2 Problem solving

1. Adam has 90 football cards, 3 times more than Mike. How many cards does Mike have?

2. If Michael had 5 more than 40 cards and Jeffrey had 5 less than Michael, how many cards did the two boys have altogether?

3. Jane weighs 35 kg and Bonnie is 6 kg heavier. What is the combined weight of the two girls?

4. How much change would you receive from \$20 if you bought two pens at \$2.50 and one calculator at \$12.45?

5. Among how many children can 60 apples be shared equally if we do not cut up any apples? Show your answer by writing divisions:

6. Which of the numbers 0, 1, 2, 3, 4, or 5 could be put in the place of the missing digits so the number are even? List the possible 3-digit numbers.

(a) 15____, _____

(b) 14____, _____

(c) 10____, _____

(d) 51____, _____

7. George and Helen have 48 stamps altogether. George has 20 more than Helen. How many stamps do they each have?
