

Year 3 Term 1 Homework

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

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9 Year 3 Term 1 Week 9 Homework

9.1 Topic 1 — Roman Numerals

9.1.1 Change the Roman numerals into our numerals:

- | | |
|----------------------|---------------------|
| ① CLXXXI = _____ | ② MCDLXXXII = _____ |
| ③ DCCXXI = _____ | ④ MCMXCIII = _____ |
| ⑤ XLVIII = _____ | ⑥ XXXIII = _____ |
| ⑦ MCCCXXIII = _____ | ⑧ CXI = _____ |
| ⑨ XLII = _____ | ⑩ DCCCXI = _____ |
| ⑪ L = _____ | ⑫ CXLVIII = _____ |
| ⑬ MDCCLXXXIV = _____ | ⑭ CXXXVI = _____ |
| ⑮ MCDLXXXIII = _____ | ⑯ XXIX = _____ |
| ⑰ CLXXXII = _____ | ⑱ CV = _____ |
| ⑲ CXXV = _____ | ⑳ CXC = _____ |
| ㉑ CLXIX = _____ | ㉒ MLIV = _____ |
| ㉓ LXXI = _____ | ㉔ MDCLXVI = _____ |

Score: _____

9.1.2 Change the Hindu-Arabic numerals into Roman numerals:

① 930 = _____

② 148 = _____

③ 41 = _____

④ 12 = _____

⑤ 184 = _____

⑥ 960 = _____

⑦ 125 = _____

⑧ 69 = _____

⑨ 1,547 = _____

⑩ 892 = _____

⑪ 183 = _____

⑫ 1,048 = _____

⑬ 24 = _____

⑭ 288 = _____

⑮ 1,403 = _____

⑯ 548 = _____

⑰ 135 = _____

⑱ 194 = _____

⑲ 1,242 = _____

⑳ 701 = _____

㉑ 1,213 = _____

㉒ 1,477 = _____

㉓ 1,656 = _____

㉔ 371 = _____

Score: _____

9.2 Topic 2 — Multiple Addends

$$\begin{array}{r} \textcircled{1} \quad 150 \\ \quad 99 \\ + \quad 68 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 161 \\ \quad 53 \\ + \quad 22 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 32 \\ \quad 158 \\ + \quad 167 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 174 \\ \quad 86 \\ + \quad 125 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 87 \\ \quad 111 \\ + \quad 116 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 133 \\ \quad 175 \\ + \quad 185 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 138 \\ \quad 150 \\ + \quad 94 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 181 \\ \quad 189 \\ + \quad 122 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 127 \\ \quad 122 \\ + \quad 25 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 88 \\ \quad 123 \\ + \quad 90 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 95 \\ \quad 71 \\ + \quad 169 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 162 \\ \quad 114 \\ + \quad 194 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{13} \quad 29 \\ \quad 103 \\ + \quad 131 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad 110 \\ \quad 159 \\ + \quad 61 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{15} \quad 172 \\ \quad 49 \\ + \quad 82 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{16} \quad 108 \\ \quad 149 \\ + \quad 80 \\ \hline \\ \hline \end{array}$$

Score:

9.3 Topic 3 — Multiple Operations

① $4 + 18 - 9 + 7 =$ _____

② $13 + 6 + 16 =$ _____

③ $9 + 5 + 12 =$ _____

④ $12 + 7 - 14 + 3 =$ _____

⑤ $7 + 9 + 17 + 11 =$ _____

⑥ $12 + 11 + 17 =$ _____

⑦ $11 + 16 + 4 + 3 =$ _____

⑧ $18 + 17 - 15 + 16 =$ _____

⑨ $8 + 18 + 3 =$ _____

⑩ $10 + 3 + 8 =$ _____

⑪ $3 + 5 + 7 =$ _____

⑫ $8 + 17 + 18 =$ _____

⑬ $15 + 11 + 16 =$ _____

⑭ $10 + 5 - 16 + 6 =$ _____

⑮ $4 + 13 - 14 + 10 =$ _____

⑯ $6 + 17 - 14 + 18 =$ _____

⑰ $4 + 15 - 17 + 6 =$ _____

⑱ $13 + 4 + 10 + 8 =$ _____

⑲ $12 + 5 + 11 + 17 =$ _____

⑳ $13 + 3 + 17 =$ _____

Score: _____

9.4 Topic 4 — Multiplication

$$\begin{array}{r} \textcircled{1} \quad 182 \\ \times 48 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 485 \\ \times 40 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 506 \\ \times 26 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 125 \\ \times 48 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 745 \\ \times 18 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 855 \\ \times 34 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 831 \\ \times 41 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 755 \\ \times 38 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 260 \\ \times 45 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 399 \\ \times 46 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 343 \\ \times 33 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 598 \\ \times 16 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{13} \quad 153 \\ \times 42 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad 151 \\ \times 43 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{15} \quad 580 \\ \times 19 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{16} \quad 797 \\ \times 3 \\ \hline \\ \hline \end{array}$$

Score:

9.5 Topic 5 — Divisions**9.5.1 Divisions without remainders**

①

$$8 \overline{) 272}$$

②

$$9 \overline{) 225}$$

③

$$4 \overline{) 208}$$

④

$$10 \overline{) 340}$$

⑤

$$15 \overline{) 120}$$

⑥

$$8 \overline{) 376}$$

⑦

$$15 \overline{) 75}$$

⑧

$$13 \overline{) 312}$$

⑨

$$11 \overline{) 209}$$

⑩

$$15 \overline{) 300}$$

⑪

$$6 \overline{) 144}$$

⑫

$$12 \overline{) 48}$$

⑬

$$15 \overline{) 300}$$

⑭

$$7 \overline{) 168}$$

⑮

$$11 \overline{) 231}$$

⑯

$$11 \overline{) 110}$$

Score:

9.5.2 Divisions with whole number remainders

①

$$4 \overline{) 45}$$

②

$$7 \overline{) 64}$$

③

$$4 \overline{) 364}$$

④

$$5 \overline{) 156}$$

⑤

$$15 \overline{) 57}$$

⑥

$$8 \overline{) 215}$$

⑦

$$13 \overline{) 49}$$

⑧

$$13 \overline{) 382}$$

⑨

$$13 \overline{) 317}$$

⑩

$$14 \overline{) 326}$$

⑪

$$6 \overline{) 81}$$

⑫

$$6 \overline{) 202}$$

⑬

$$12 \overline{) 284}$$

⑭

$$5 \overline{) 72}$$

⑮

$$11 \overline{) 349}$$

⑯

$$14 \overline{) 102}$$

Score:

9.6 Topic 6 — Number Patterns

① 97, 96, 93, 88, 81, 72, 61, ___ , ___

② 58, 60, 62, 64, 66, 68, 70, ___ , ___

③ 37, 42, 37, 43, 38, 45, 40, ___ , ___

④ 47, 52, 47, 53, 48, 55, 50, ___ , ___

⑤ 6, 8, 12, 18, 26, 36, 48, ___ , ___

⑥ 96, 88, 80, 72, 64, 56, 48, ___ , ___

⑦ 96, 93, 90, 86, 83, 78, 75, ___ , ___

⑧ 25, 33, 41, 49, 57, 65, 73, ___ , ___

⑨ 5, 14, 23, 32, 41, 50, 59, ___ , ___

⑩ 16, 21, 28, 37, 48, 61, 76, ___ , ___

⑪ 84, 82, 81, 78, 77, 73, 72, ___ , ___

⑫ 39, 43, 40, 44, 41, 45, 42, ___ , ___

Score:

9.7 Problem Solving

Exercise 9.7.1 Solve the following number problems:

1. A number diminished by 17 is 18. Find the number.

2. One-half of a number is 8. Find the number.

3. The sum of a number and 10 is 24. Find the number.

4. The quotient of a number and nine is 10. Find the number.

5. Fifteen more than a number is 19. What is the number?

6. The difference of a number and eight is equal to 7. What is the number?

7. Twelve less than a number is 15. Find the number.

8. A number increased by four is 22. Find the number.

9. Twice a number is 12. What is the number?

10. 2 times a number increased by 4 is 12. Find the number.

11. 3 time a number decreased by 3 is 30. What is the number.

12. 90 is equal to the product of nine and some number. Find the number.

9.8 Quiz 9

Exercise 9.8.1 Multiple choice questions

1. How many 5¢ coins have the value of \$1.50?
A. 10 B. 20 C. 30 D. 40
2. The difference of a number and four is equal to 12. What is the number?
A. 16 B. 20 C. 14 D. 18
3. The product of six and a number is 48. What is the number?
A. 4 B. 6 C. 8 D. 9
4. A number increased by 16 is 26. Find the number.
A. 10 B. 12 C. 32 D. 16
5. How many days are there in November and December?
A. 59 B. 60 C. 61 D. 62
6. What number multiplied by 6 equal to 3 dozen?
A. 3 B. 4 C. 6 D. 8
7. What is the remainder when 57 divided by 6?
A. 1 B. 2 C. 3 D. 4
8. How many minutes are there in three and a half hours?
A. 150 B. 180 C. 210 D. 220
9. How many months are there is a season?
A. 12 B. 6 C. 3 D. 4
10. How many seasons are there in a year?
A. 6 B. 12 C. 3 D. 4
11. How many days are there in 2 fortnights?
A. 14 B. 7 C. 28 D. 21
12. Twice a number is 18. What is the number?
A. 36 B. 6 C. 8 D. 9

9.9 Miscellaneous exercises**Exercise 9.9.1**

1. How many metres are there in 2.4 kilometres? _____

2. How many centimetres are there in 2.25 metres? _____

3. How many grams are there in 2.6 kilograms? _____

4. How many minutes are there in 3 and a half hours? _____

5. How many hours are there in 7 days? _____

6. How many minutes are there in half a day? _____

7. Half of a number is 8. What is the number? _____

8. Twice a number is 8. What is the number? _____

9. Peter and Ray have 24 marbles altogether. Peter has three times as many marbles as Ray. How many marbles does each boy have?

10. Bonnie bought some apples. She gave 6 apples to her sister and 7 to her brother. She had 12 left. How many apples did Bonnie buy?

11. How many minutes did the piano lesson take if Richard's piano lesson started at 2:35 pm and ended at 3:45 pm?

12. Jane bought a bag of oranges. He cut all the oranges in to 36 quarters. How many oranges did she buy?

9.10 Maths challenge

Exercise 9.10.1

1. Jason and Tom ran a race. Jason's speed was 5 kilometres per hour. Tom's speed was 4 kilometres per hour. Jason finished the race one hour before Tom. How many kilometres was the race?

2. Emma has three cards numbered 4, 5, and 6. She arranged these cards around to make numbers. How many even numbers can she make?

3. A remote-control car uses 3 batteries every 2 hours. The batteries are sold in packs of 4. How many packs of batteries be needed to run the car for 24 hours?

4. Cathy is a vet. She must give a dog two drops of medicine for every 5 kg of the dog's body mass. How many drops of medicine should Cathy give the dog if the dog has a body mass of 45 kg?

5. A plate and 5 chocolate bars have a mass of 1600 grams. The same plate and 3 chocolate bars have a mass of 1100 grams. What is the mass, in grams, of the empty plate?
