


9 Year 3 Term 1 Week 9 Answers

9.1 Topic 1 — Roman Numerals

9.1.1 Change the Roman numerals into our numerals:

① CLXXXI = 181

② MCDLXXXII = 1482 

③ DCCXXI = 721

④ MCMXCIII = 1993

⑤ XLVIII = 48

⑥ XXXIII = 33

⑦ MCCCXXIII = 1323

⑧ CXI = 111

⑨ XLII = 42

⑩ DCCCXI = 811

⑪ L = 50

⑫ CXLVIII = 148

⑬ MDCCLXXXIV = 1784

⑭ CXXXVI = 136

⑮ MCDLXXXIII = 1483

⑯ XXIX = 29

⑰ CLXXXII = 182

⑱ CV = 105

⑲ CXXV = 125

⑳ CXC = 190

㉑ CLXIX = 169

㉒ MLIV = 1054

㉓ LXXI = 71

㉔ MDCLXVI = 1666

Score: _____

9.1.2 Change the Hindu-Arabic numerals into Roman numerals:

① 930 = CMXXX

② 148 = CXLVIII



③ 41 = XLI

④ 12 = XII

⑤ 184 = CLXXXIV

⑥ 960 = CMLX

⑦ 125 = CXXV

⑧ 69 = LXIX

⑨ 1,547 = MDXLVII

⑩ 892 = DCCCXCII

⑪ 183 = CLXXXIII

⑫ 1,048 = MXLVIII

⑬ 24 = XXIV

⑭ 288 = CCLXXXVIII

⑮ 1,403 = MCDIII

⑯ 548 = DXLVIII

⑰ 135 = CXXXV

⑱ 194 = CXCIV

⑲ 1,242 = MCCXLII

⑳ 701 = DCCI

㉑ 1,213 = MCCXIII

㉒ 1,477 = MCDLXXVII

㉓ 1,656 = MDCLVI

㉔ 371 = CCCLXXI

Score:

9.2 Topic 2 — Multiple Addends

$$\begin{array}{r} \textcircled{1} \quad 150 \\ \quad 99 \\ + \quad 68 \\ \hline 317 \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 161 \\ \quad 53 \\ + \quad 22 \\ \hline 236 \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 32 \\ \quad 158 \\ + \quad 167 \\ \hline 357 \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 174 \\ \quad 86 \\ + \quad 125 \\ \hline 385 \end{array}$$



$$\begin{array}{r} \textcircled{5} \quad 87 \\ \quad 111 \\ + \quad 116 \\ \hline 314 \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 133 \\ \quad 175 \\ + \quad 185 \\ \hline 493 \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 138 \\ \quad 150 \\ + \quad 94 \\ \hline 382 \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 181 \\ \quad 189 \\ + \quad 122 \\ \hline 492 \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 127 \\ \quad 122 \\ + \quad 25 \\ \hline 274 \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 88 \\ \quad 123 \\ + \quad 90 \\ \hline 301 \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 95 \\ \quad 71 \\ + \quad 169 \\ \hline 335 \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 162 \\ \quad 114 \\ + \quad 194 \\ \hline 470 \end{array}$$

$$\begin{array}{r} \textcircled{13} \quad 29 \\ \quad 103 \\ + \quad 131 \\ \hline 263 \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad 110 \\ \quad 159 \\ + \quad 61 \\ \hline 330 \end{array}$$

$$\begin{array}{r} \textcircled{15} \quad 172 \\ \quad 49 \\ + \quad 82 \\ \hline 303 \end{array}$$

$$\begin{array}{r} \textcircled{16} \quad 108 \\ \quad 149 \\ + \quad 80 \\ \hline 337 \end{array}$$

Score: _____

9.3 Topic 3 — Multiple Operations

① $4 + 18 - 9 + 7 = 20$ _____

② $13 + 6 + 16 = 35$ _____

③ $9 + 5 + 12 = 26$ _____

④ $12 + 7 - 14 + 3 = 8$ _____

⑤ $7 + 9 + 17 + 11 = 44$ _____

⑥ $12 + 11 + 17 = 40$ _____

⑦ $11 + 16 + 4 + 3 = 34$ _____

⑧ $18 + 17 - 15 + 16 = 36$ _____

⑨ $8 + 18 + 3 = 29$ _____

⑩ $10 + 3 + 8 = 21$ _____

⑪ $3 + 5 + 7 = 15$ _____

⑫ $8 + 17 + 18 = 43$ _____

⑬ $15 + 11 + 16 = 42$ _____

⑭ $10 + 5 - 16 + 6 = 5$ _____

⑮ $4 + 13 - 14 + 10 = 13$ _____

⑯ $6 + 17 - 14 + 18 = 27$ _____

⑰ $4 + 15 - 17 + 6 = 8$ _____

⑱ $13 + 4 + 10 + 8 = 35$ _____

⑲ $12 + 5 + 11 + 17 = 45$ _____

⑳ $13 + 3 + 17 = 33$ _____

Score: _____

9.4 Topic 4 — Multiplication

$$\begin{array}{r} \textcircled{1} \quad 182 \\ \times 48 \\ \hline 8,736 \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 485 \\ \times 40 \\ \hline 19,400 \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 506 \\ \times 26 \\ \hline 13,156 \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 125 \\ \times 48 \\ \hline 6,000 \end{array}$$



$$\begin{array}{r} \textcircled{5} \quad 745 \\ \times 18 \\ \hline 13,410 \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 855 \\ \times 34 \\ \hline 29,070 \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 831 \\ \times 41 \\ \hline 34,071 \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 755 \\ \times 38 \\ \hline 28,690 \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 260 \\ \times 45 \\ \hline 11,700 \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 399 \\ \times 46 \\ \hline 18,354 \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 343 \\ \times 33 \\ \hline 11,319 \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 598 \\ \times 16 \\ \hline 9,568 \end{array}$$

$$\begin{array}{r} \textcircled{13} \quad 153 \\ \times 42 \\ \hline 6,426 \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad 151 \\ \times 43 \\ \hline 6,493 \end{array}$$

$$\begin{array}{r} \textcircled{15} \quad 580 \\ \times 19 \\ \hline 11,020 \end{array}$$

$$\begin{array}{r} \textcircled{16} \quad 797 \\ \times 3 \\ \hline 2,391 \end{array}$$

Score:

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

$$\textcircled{1} \quad \begin{array}{r} 34 \\ 8 \overline{) 272} \end{array}$$

$$\textcircled{2} \quad \begin{array}{r} 25 \\ 9 \overline{) 225} \end{array}$$

$$\textcircled{3} \quad \begin{array}{r} 52 \\ 4 \overline{) 208} \end{array}$$

$$\textcircled{4} \quad \begin{array}{r} 34 \\ 10 \overline{) 340} \end{array}$$



$$\textcircled{5} \quad \begin{array}{r} 8 \\ 15 \overline{) 120} \end{array}$$

$$\textcircled{6} \quad \begin{array}{r} 47 \\ 8 \overline{) 376} \end{array}$$

$$\textcircled{7} \quad \begin{array}{r} 5 \\ 15 \overline{) 75} \end{array}$$

$$\textcircled{8} \quad \begin{array}{r} 24 \\ 13 \overline{) 312} \end{array}$$

$$\textcircled{9} \quad \begin{array}{r} 19 \\ 11 \overline{) 209} \end{array}$$

$$\textcircled{10} \quad \begin{array}{r} 20 \\ 15 \overline{) 300} \end{array}$$

$$\textcircled{11} \quad \begin{array}{r} 24 \\ 6 \overline{) 144} \end{array}$$

$$\textcircled{12} \quad \begin{array}{r} 4 \\ 12 \overline{) 48} \end{array}$$

$$\textcircled{13} \quad \begin{array}{r} 20 \\ 15 \overline{) 300} \end{array}$$

$$\textcircled{14} \quad \begin{array}{r} 24 \\ 7 \overline{) 168} \end{array}$$

$$\textcircled{15} \quad \begin{array}{r} 21 \\ 11 \overline{) 231} \end{array}$$

$$\textcircled{16} \quad \begin{array}{r} 10 \\ 11 \overline{) 110} \end{array}$$

Score:

9.5.2 Divisions with whole number remainders

$$\textcircled{1} \quad \begin{array}{r} 11 \text{ r}1 \\ 4 \overline{) 45} \end{array}$$

$$\textcircled{2} \quad \begin{array}{r} 9 \text{ r}1 \\ 7 \overline{) 64} \end{array}$$

$$\textcircled{3} \quad \begin{array}{r} 91 \text{ r}0 \\ 4 \overline{) 364} \end{array}$$

$$\textcircled{4} \quad \begin{array}{r} 31 \text{ r}1 \\ 5 \overline{) 156} \end{array}$$



$$\textcircled{5} \quad \begin{array}{r} 3 \text{ r}12 \\ 15 \overline{) 57} \end{array}$$

$$\textcircled{6} \quad \begin{array}{r} 26 \text{ r}7 \\ 8 \overline{) 215} \end{array}$$

$$\textcircled{7} \quad \begin{array}{r} 3 \text{ r}10 \\ 13 \overline{) 49} \end{array}$$

$$\textcircled{8} \quad \begin{array}{r} 29 \text{ r}5 \\ 13 \overline{) 382} \end{array}$$

$$\textcircled{9} \quad \begin{array}{r} 24 \text{ r}5 \\ 13 \overline{) 317} \end{array}$$

$$\textcircled{10} \quad \begin{array}{r} 23 \text{ r}4 \\ 14 \overline{) 326} \end{array}$$

$$\textcircled{11} \quad \begin{array}{r} 13 \text{ r}3 \\ 6 \overline{) 81} \end{array}$$

$$\textcircled{12} \quad \begin{array}{r} 33 \text{ r}4 \\ 6 \overline{) 202} \end{array}$$

$$\textcircled{13} \quad \begin{array}{r} 23 \text{ r}8 \\ 12 \overline{) 284} \end{array}$$

$$\textcircled{14} \quad \begin{array}{r} 14 \text{ r}2 \\ 5 \overline{) 72} \end{array}$$

$$\textcircled{15} \quad \begin{array}{r} 31 \text{ r}8 \\ 11 \overline{) 349} \end{array}$$

$$\textcircled{16} \quad \begin{array}{r} 7 \text{ r}4 \\ 14 \overline{) 102} \end{array}$$

Score:

9.6 Topic 6 — Number Patterns

① 97, 96, 93, 88, 81, 72, 61, 48, 33 (- 1 - 3 - 5 - 7 - 9...)



② 58, 60, 62, 64, 66, 68, 70, 72, 74 (+ 2)

③ 37, 42, 37, 43, 38, 45, 40, 48, 43 (+ 5 - 5 + 6 - 5 + 7 - 5...)

④ 47, 52, 47, 53, 48, 55, 50, 58, 53 (+ 5 - 5 + 6 - 5 + 7 - 5...)

⑤ 6, 8, 12, 18, 26, 36, 48, 62, 78 (+ 2 + 4 + 6 + 8 + 10...)

⑥ 96, 88, 80, 72, 64, 56, 48, 40, 32 (- 8)

⑦ 96, 93, 90, 86, 83, 78, 75, 69, 66 (- 3 - 3 - 4 - 3 - 5 - 3...)

⑧ 25, 33, 41, 49, 57, 65, 73, 81, 89 (+ 8)

⑨ 5, 14, 23, 32, 41, 50, 59, 68, 77 (+ 9)

⑩ 16, 21, 28, 37, 48, 61, 76, 93, 112 (+ 5 + 7 + 9 + 11 + 13...)

⑪ 84, 82, 81, 78, 77, 73, 72, 67, 66 (- 2 - 1 - 3 - 1 - 4 - 1...)

⑫ 39, 43, 40, 44, 41, 45, 42, 46, 43 (+ 4 - 3 + 4 - 3 + 4 - 3...)

Score: