Year 3 Term 2 Homework Answers

Student Name: _____   **Grade**: _____

Date: _____   **Score**: _____

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1   Year 3 Term 2 Week 1 Answers

1.1   Topic 1 — Order of Operations

① $4 \times (6 + 3) =$ <u>36</u>

② $6 \times 3 + 2 =$ <u>20</u> ✔

③ $2 + 8 + 9 =$ <u>19</u>

④ $8 + 7 + 9 =$ <u>24</u>

⑤ $3 + 5 + 9 =$ <u>17</u>

⑥ $3 \times (7 + 2) =$ <u>27</u>

⑦ $3 + 6 + 9 =$ <u>18</u>

⑧ $4 \times (2 + 6) =$ <u>32</u>

⑨ $7 \times 8 + 2 =$ <u>58</u>

⑩ $8 \times 9 + 3 =$ <u>75</u>

⑪ $4 \times 3 + 5 =$ <u>17</u>

⑫ $4 + 6 + 8 =$ <u>18</u>

⑬ $5 + 2 + 4 =$ <u>11</u>

⑭ $8 \times 6 + 4 =$ <u>52</u>

⑮ $3 + 6 + 9 =$ <u>18</u>

⑯ $2 \times (8 + 7) =$ <u>30</u>

⑰ $3 + 6 + 5 =$ <u>14</u>

⑱ $6 + 8 + 5 =$ <u>19</u>

⑲ $8 + 7 + 9 =$ <u>24</u>

⑳ $4 \times 6 + 3 =$ <u>27</u>

Score:

① $6 \times 5 + 3 =$ <u>33</u>   ② $2 \times 6 + 7 =$ <u>19</u>

③ $6 \times (4 + 3) =$ <u>42</u>   ④ $6 \times (8 + 5) =$ <u>78</u>

⑤ $6 + 7 + 4 =$ <u>17</u>   ⑥ $4 + 7 + 9 =$ <u>20</u>

⑦ $2 \times (4 + 6) =$ <u>20</u>   ⑧ $3 \times (8 + 2) =$ <u>30</u>

⑨ $7 + 4 + 2 =$ <u>13</u>   ⑩ $9 \times 6 + 4 =$ <u>58</u>

⑪ $8 + 4 + 2 =$ <u>14</u>   ⑫ $6 \times (7 + 3) =$ <u>60</u>

⑬ $3 + 4 + 8 =$ <u>15</u>   ⑭ $5 \times (9 + 2) =$ <u>55</u>

⑮ $4 \times 2 + 6 =$ <u>14</u>   ⑯ $5 + 6 + 9 =$ <u>20</u>

⑰ $4 + 7 + 6 =$ <u>17</u>   ⑱ $2 \times (6 + 4) =$ <u>20</u>

⑲ $5 \times (2 + 9) =$ <u>55</u>   ⑳ $8 \times 2 + 7 =$ <u>23</u>

Score:

1.2 Topic 2 — Fractions

1.2.1 Equivalent Fractions 1

① $\dfrac{7}{14} = \dfrac{1}{2}$

② $\dfrac{18}{36} = \dfrac{2}{4}$

③ $\dfrac{4}{16} = \dfrac{1}{4}$ ✔

④ $\dfrac{8}{24} = \dfrac{1}{3}$

⑤ $\dfrac{15}{20} = \dfrac{3}{4}$

⑥ $\dfrac{14}{21} = \dfrac{2}{3}$

⑦ $\dfrac{12}{18} = \dfrac{2}{3}$

⑧ $\dfrac{9}{27} = \dfrac{1}{3}$

⑨ $\dfrac{8}{16} = \dfrac{1}{2}$

⑩ $\dfrac{5}{10} = \dfrac{1}{2}$

⑪ $\dfrac{5}{10} = \dfrac{1}{2}$

⑫ $\dfrac{10}{15} = \dfrac{2}{3}$

⑬ $\dfrac{27}{36} = \dfrac{3}{4}$

⑭ $\dfrac{5}{10} = \dfrac{1}{2}$

⑮ $\dfrac{16}{32} = \dfrac{2}{4}$

⑯ $\dfrac{14}{21} = \dfrac{2}{3}$

⑰ $\dfrac{6}{8} = \dfrac{3}{4}$

⑱ $\dfrac{12}{18} = \dfrac{2}{3}$

⑲ $\dfrac{8}{16} = \dfrac{1}{2}$

⑳ $\dfrac{5}{10} = \dfrac{1}{2}$

㉑ $\dfrac{10}{20} = \dfrac{1}{2}$

㉒ $\dfrac{7}{14} = \dfrac{1}{2}$

㉓ $\dfrac{10}{40} = \dfrac{1}{4}$

㉔ $\dfrac{5}{10} = \dfrac{1}{2}$

Score:

1.2.2   Equivalent Fractions 2

① $\dfrac{2}{4} = \dfrac{4}{8}$ ② $\dfrac{2}{3} = \dfrac{16}{24}$ ③ $\dfrac{1}{3} = \dfrac{3}{9}$ ✔

④ $\dfrac{1}{4} = \dfrac{5}{20}$ ⑤ $\dfrac{3}{4} = \dfrac{12}{16}$ ⑥ $\dfrac{1}{2} = \dfrac{8}{16}$

⑦ $\dfrac{3}{4} = \dfrac{30}{40}$ ⑧ $\dfrac{1}{3} = \dfrac{9}{27}$ ⑨ $\dfrac{1}{4} = \dfrac{5}{20}$

⑩ $\dfrac{1}{2} = \dfrac{6}{12}$ ⑪ $\dfrac{1}{3} = \dfrac{10}{30}$ ⑫ $\dfrac{2}{4} = \dfrac{16}{32}$

⑬ $\dfrac{2}{4} = \dfrac{6}{12}$ ⑭ $\dfrac{3}{4} = \dfrac{6}{8}$ ⑮ $\dfrac{2}{4} = \dfrac{20}{40}$

⑯ $\dfrac{1}{3} = \dfrac{8}{24}$ ⑰ $\dfrac{1}{2} = \dfrac{9}{18}$ ⑱ $\dfrac{1}{3} = \dfrac{7}{21}$

⑲ $\dfrac{3}{4} = \dfrac{9}{12}$ ⑳ $\dfrac{1}{2} = \dfrac{4}{8}$ ㉑ $\dfrac{1}{2} = \dfrac{7}{14}$

㉒ $\dfrac{1}{3} = \dfrac{10}{30}$ ㉓ $\dfrac{1}{2} = \dfrac{7}{14}$ ㉔ $\dfrac{1}{4} = \dfrac{2}{8}$

Score:

1.2.3   Simplifying Fractions 1

① $\dfrac{6}{8} = \dfrac{3}{4}$ _____ ② $\dfrac{4}{6} = \dfrac{2}{3}$ _____ ③ $\dfrac{7}{14} = \dfrac{1}{2}$ ✔

④ $\dfrac{6}{18} = \dfrac{1}{3}$ _____ ⑤ $\dfrac{4}{16} = \dfrac{1}{4}$ _____ ⑥ $\dfrac{20}{40} = \dfrac{1}{2}$ _____

⑦ $\dfrac{14}{21} = \dfrac{2}{3}$ _____ ⑧ $\dfrac{6}{18} = \dfrac{1}{3}$ _____ ⑨ $\dfrac{14}{21} = \dfrac{2}{3}$ _____

⑩ $\dfrac{12}{16} = \dfrac{3}{4}$ _____ ⑪ $\dfrac{6}{12} = \dfrac{1}{2}$ _____ ⑫ $\dfrac{6}{8} = \dfrac{3}{4}$ _____

⑬ $\dfrac{4}{8} = \dfrac{1}{2}$ _____ ⑭ $\dfrac{8}{16} = \dfrac{1}{2}$ _____ ⑮ $\dfrac{10}{30} = \dfrac{1}{3}$ _____

⑯ $\dfrac{6}{18} = \dfrac{1}{3}$ _____ ⑰ $\dfrac{10}{20} = \dfrac{1}{2}$ _____ ⑱ $\dfrac{6}{9} = \dfrac{2}{3}$ _____

⑲ $\dfrac{6}{12} = \dfrac{1}{2}$ _____ ⑳ $\dfrac{6}{24} = \dfrac{1}{4}$ _____ ㉑ $\dfrac{8}{16} = \dfrac{1}{2}$ _____

㉒ $\dfrac{9}{27} = \dfrac{1}{3}$ _____ ㉓ $\dfrac{2}{4} = \dfrac{1}{2}$ _____ ㉔ $\dfrac{14}{28} = \dfrac{1}{2}$ _____

Score:

1.2.4   Simplifying Fractions 2

① $\dfrac{7}{14} = \dfrac{1}{2}$ ② $\dfrac{4}{16} = \dfrac{1}{4}$ ③ $\dfrac{10}{20} = \dfrac{1}{2}$ ✔

④ $\dfrac{3}{9} = \dfrac{1}{3}$ ⑤ $\dfrac{12}{16} = \dfrac{3}{4}$ ⑥ $\dfrac{14}{21} = \dfrac{2}{3}$

⑦ $\dfrac{7}{14} = \dfrac{1}{2}$ ⑧ $\dfrac{5}{10} = \dfrac{1}{2}$ ⑨ $\dfrac{7}{28} = \dfrac{1}{4}$

⑩ $\dfrac{6}{12} = \dfrac{1}{2}$ ⑪ $\dfrac{6}{9} = \dfrac{2}{3}$ ⑫ $\dfrac{3}{6} = \dfrac{1}{2}$

⑬ $\dfrac{8}{12} = \dfrac{2}{3}$ ⑭ $\dfrac{6}{8} = \dfrac{3}{4}$ ⑮ $\dfrac{6}{12} = \dfrac{1}{2}$

⑯ $\dfrac{2}{6} = \dfrac{1}{3}$ ⑰ $\dfrac{9}{18} = \dfrac{1}{2}$ ⑱ $\dfrac{12}{18} = \dfrac{2}{3}$

⑲ $\dfrac{6}{12} = \dfrac{1}{2}$ ⑳ $\dfrac{21}{28} = \dfrac{3}{4}$ ㉑ $\dfrac{6}{24} = \dfrac{1}{4}$

㉒ $\dfrac{30}{40} = \dfrac{3}{4}$ ㉓ $\dfrac{12}{24} = \dfrac{1}{2}$ ㉔ $\dfrac{4}{6} = \dfrac{2}{3}$

Score:

1.3   Topic 3 — Decimals

1.3.1   Adding and Subtracting 1

① $\begin{array}{r} 4.1 \\ -\ 1.3 \\ \hline 2.8 \end{array}$

② $\begin{array}{r} 3.9 \\ -\ 1.2 \\ \hline 2.7 \end{array}$

③ $\begin{array}{r} 5.4 \\ -\ 2.7 \\ \hline 2.7 \end{array}$

④ $\begin{array}{r} 6.3 \\ +\ 4.4 \\ \hline 10.7 \end{array}$

⑤ $\begin{array}{r} 9.5 \\ +\ 3.1 \\ \hline 12.6 \end{array}$

⑥ $\begin{array}{r} 5.0 \\ -\ 4.1 \\ \hline 0.9 \end{array}$

⑦ $\begin{array}{r} 8.2 \\ +\ 3.0 \\ \hline 11.2 \end{array}$

⑧ $\begin{array}{r} 4.2 \\ -\ 4.1 \\ \hline 0.1 \end{array}$

⑨ $\begin{array}{r} 5.8 \\ -\ 3.7 \\ \hline 2.1 \end{array}$

⑩ $\begin{array}{r} 9.3 \\ +\ 7.2 \\ \hline 16.5 \end{array}$

⑪ $\begin{array}{r} 2.1 \\ +\ 9.0 \\ \hline 11.1 \end{array}$

⑫ $\begin{array}{r} 3.5 \\ +\ 9.6 \\ \hline 13.1 \end{array}$

⑬ $\begin{array}{r} 5.8 \\ -\ 5.7 \\ \hline 0.1 \end{array}$

⑭ $\begin{array}{r} 7.7 \\ -\ 2.4 \\ \hline 5.3 \end{array}$

⑮ $\begin{array}{r} 4.7 \\ -\ 2.1 \\ \hline 2.6 \end{array}$

⑯ $\begin{array}{r} 4.0 \\ +\ 2.9 \\ \hline 6.9 \end{array}$

⑰ $\begin{array}{r} 8.0 \\ +\ 7.1 \\ \hline 15.1 \end{array}$

⑱ $\begin{array}{r} 3.3 \\ +\ 8.2 \\ \hline 11.5 \end{array}$

⑲ $\begin{array}{r} 5.2 \\ +\ 5.3 \\ \hline 10.5 \end{array}$

⑳ $\begin{array}{r} 2.5 \\ -\ 1.0 \\ \hline 1.5 \end{array}$

Score:

1.3.2 Adding and Subtracting 2

①
$$\begin{array}{r} 5.7 \\ + 8.0 \\ \hline 13.7 \end{array}$$

②
$$\begin{array}{r} 6.8 \\ + 6.9 \\ \hline 13.7 \end{array}$$

③
$$\begin{array}{r} 6.3 \\ - 4.5 \\ \hline 1.8 \end{array}$$

④
$$\begin{array}{r} 2.6 \\ + 4.8 \\ \hline 7.4 \end{array}$$

⑤
$$\begin{array}{r} 6.4 \\ - 2.5 \\ \hline 3.9 \end{array}$$

⑥
$$\begin{array}{r} 7.1 \\ - 4.3 \\ \hline 2.8 \end{array}$$

⑦
$$\begin{array}{r} 8.4 \\ + 6.3 \\ \hline 14.7 \end{array}$$

⑧
$$\begin{array}{r} 7.0 \\ - 3.8 \\ \hline 3.2 \end{array}$$

⑨
$$\begin{array}{r} 7.7 \\ + 7.3 \\ \hline 15.0 \end{array}$$

⑩
$$\begin{array}{r} 5.6 \\ + 3.1 \\ \hline 8.7 \end{array}$$

⑪
$$\begin{array}{r} 7.1 \\ - 3.5 \\ \hline 3.6 \end{array}$$

⑫
$$\begin{array}{r} 10.0 \\ + 7.6 \\ \hline 17.6 \end{array}$$

⑬
$$\begin{array}{r} 7.2 \\ + 2.6 \\ \hline 9.8 \end{array}$$

⑭
$$\begin{array}{r} 2.6 \\ + 7.1 \\ \hline 9.7 \end{array}$$

⑮
$$\begin{array}{r} 9.9 \\ + 3.9 \\ \hline 13.8 \end{array}$$

⑯
$$\begin{array}{r} 7.9 \\ - 1.5 \\ \hline 6.4 \end{array}$$

⑰
$$\begin{array}{r} 8.3 \\ - 3.0 \\ \hline 5.3 \end{array}$$

⑱
$$\begin{array}{r} 8.2 \\ - 4.7 \\ \hline 3.5 \end{array}$$

⑲
$$\begin{array}{r} 10.0 \\ - 5.9 \\ \hline 4.1 \end{array}$$

⑳
$$\begin{array}{r} 3.7 \\ - 3.3 \\ \hline 0.4 \end{array}$$

Score:

1.4   Topic 4 — Money

1.4.1   Counting Coins

① $4.60

② $0.50

③ $4.70

④ $5.70

⑤ $4.10

⑥ $1.60

⑦ $3.70

⑧ $0.45

Score:

1.4.2   Money in Words

① $11.32   eleven dollars and thirty-two cents ✓
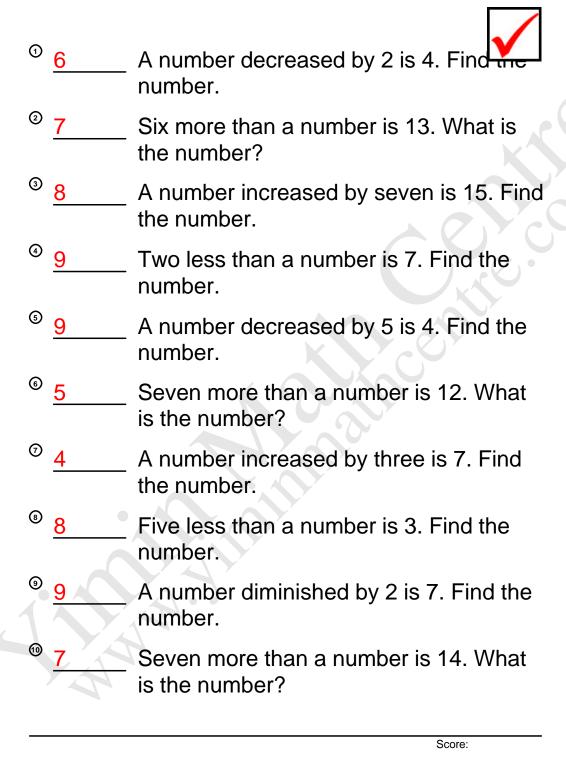
② $4.64   four dollars and sixty-four cents

③ $37.16   thirty-seven dollars and sixteen cents

④ $78.78   seventy-eight dollars and seventy-eight cents

⑤ $1.68   one dollar and sixty-eight cents

⑥ $76.03   seventy-six dollars and three cents

⑦ $9.68   nine dollars and sixty-eight cents

⑧ $98.45   ninety-eight dollars and forty-five cents

⑨ $2.04   two dollars and four cents

⑩ $4.33   four dollars and thirty-three cents

Score:

1.4.3 Number Problem 1

①   <u>6   </u>   A number decreased by 2 is 4. Find the number.

②   <u>7   </u>   Six more than a number is 13. What is the number?

③   <u>8   </u>   A number increased by seven is 15. Find the number.

④   <u>9   </u>   Two less than a number is 7. Find the number.

⑤   <u>9   </u>   A number decreased by 5 is 4. Find the number.

⑥   <u>5   </u>   Seven more than a number is 12. What is the number?

⑦   <u>4   </u>   A number increased by three is 7. Find the number.

⑧   <u>8   </u>   Five less than a number is 3. Find the number.

⑨   <u>9   </u>   A number diminished by 2 is 7. Find the number.

⑩   <u>7   </u>   Seven more than a number is 14. What is the number?

Score:

1.4.4   Number Problem 2

① <u>8</u> Two less than a number is 6. Find the number. ✓

② <u>2</u> A number increased by four is 6. Find the number.

③ <u>8</u> Eight more than a number is 16. What is the number?

④ <u>15</u> A number decreased by 7 is 8. Find the number.

⑤ <u>12</u> Eight less than a number is 4. Find the number.

⑥ <u>9</u> A number increased by nine is 18. Find the number.

⑦ <u>5</u> Two more than a number is 7. What is the number?

⑧ <u>10</u> A number diminished by 5 is 5. Find the number.

⑨ <u>12</u> Six less than a number is 6. Find the number.

⑩ <u>6</u> A number increased by eight is 14. Find the number.

Score:

1.4.5   Test Paper 11 Answers

(1) a. $1.60 ; b. $0.75 ; c. $1.82 ; d. $0.96 ;

(2) a. 5c+5c+5c ; b. 50c+10c+5c ; c. $1+10c+5c ; d. $2+20c+5c ;

(3) a. $1.58 ; b. $0.42 ;

(4) a. $10+$10+$5 ; b. $50+$20+$5 ; c. $100+$20+$5 ;

(5) a. $9 ; b. $11 ;

(6) a. 40c or $0.40 ; b. $.80 ;

(7) 5 & 7 ; (8) 2 or 3 ; (9) 16 ; (10) $11.4 ; (11) 6:05 p.m. ; (12) 22nd ;