

Year 3 Term 2 Homework

| | |
|----------------------------|---------------------|
| Student Name: _____ | Grade: _____ |
| Date: _____ | Score: _____ |

Table of contents

| | | |
|----------|---|----------|
| 2 | Year 3 Term 2 Week 2 Homework | 1 |
| 2.1 | Topic 1 — Order of Operations | 1 |
| 2.1.1 | Order of Operations 3 | 1 |
| 2.1.2 | Order of Operations 4 | 2 |
| 2.2 | Topic 2 — Fractions | 3 |
| 2.2.1 | Equivalent Fractions 3 | 3 |
| 2.2.2 | Equivalent Fractions 4 | 4 |
| 2.2.3 | Simplifying Fractions 3 | 5 |
| 2.2.4 | Simplifying Fractions 4 | 6 |
| 2.3 | Topic 3 — Decimals | 7 |
| 2.3.1 | Adding and Subtracting 3 | 7 |
| 2.3.2 | Adding and Subtracting 4 | 8 |
| 2.4 | Topic 4 — Money | 9 |
| 2.4.1 | Counting Coins 2 | 9 |
| 2.4.2 | Money in Words 2 | 10 |
| 2.5 | Problem Solving (Number Problems) | 11 |
| 2.5.1 | Number Problem 3 | 11 |
| 2.5.2 | Number Problem 4 | 12 |
| 2.6 | Quiz 2 | 13 |

This edition was printed on February 15, 2017.

Camera ready copy was prepared with the **L^AT_EX₂ ϵ** typesetting system.

Copyright © 2000 - 2015 Yimin Math Centre (www.yiminmathcentre.com)

2 Year 3 Term 2 Week 2 Homework

2.1 Topic 1 — Order of Operations

2.1.1 Order of Operations 3

$$\textcircled{1} 8 \times 9 + 3 = \underline{\hspace{2cm}} \quad \textcircled{2} 5 + 7 + 9 + 3 = \underline{\hspace{2cm}}$$

$$\textcircled{3} 2 + 6 \times 4 + 7 = \underline{\hspace{2cm}} \quad \textcircled{4} 3 \times (2 + 8) = \underline{\hspace{2cm}}$$

$$\textcircled{5} 9 + 7 + 5 + 8 = \underline{\hspace{2cm}} \quad \textcircled{6} 9 \times (3 + 8) = \underline{\hspace{2cm}}$$

$$\textcircled{7} 3 + 5 + 4 + 6 = \underline{\hspace{2cm}} \quad \textcircled{8} 2 + 6 + 4 + 8 = \underline{\hspace{2cm}}$$

$$\textcircled{9} 6 + 4 \times 2 + 9 = \underline{\hspace{2cm}} \quad \textcircled{10} 7 \times (5 + 2) = \underline{\hspace{2cm}}$$

$$\textcircled{11} 8 + 5 \times 9 + 6 = \underline{\hspace{2cm}} \quad \textcircled{12} 9 + 6 + 2 + 7 = \underline{\hspace{2cm}}$$

$$\textcircled{13} 6 + 2 \times 3 + 7 = \underline{\hspace{2cm}} \quad \textcircled{14} 7 + 8 + 9 + 4 = \underline{\hspace{2cm}}$$

$$\textcircled{15} 2 \times 6 + 9 = \underline{\hspace{2cm}} \quad \textcircled{16} 9 \times (2 + 3) = \underline{\hspace{2cm}}$$

$$\textcircled{17} 5 \times (3 + 8) = \underline{\hspace{2cm}} \quad \textcircled{18} 5 + 7 + 8 + 9 = \underline{\hspace{2cm}}$$

$$\textcircled{19} 8 + 4 \times 9 + 2 = \underline{\hspace{2cm}} \quad \textcircled{20} 8 \times (6 + 2) = \underline{\hspace{2cm}}$$

Score: _____

2.1.2 Order of Operations 4

$$\textcircled{1} 3 + 4 + 6 + 9 = \underline{\hspace{2cm}} \quad \textcircled{2} 9 + 8 \times 4 + 3 = \underline{\hspace{2cm}}$$

$$\textcircled{3} 9 \times 2 + 6 = \underline{\hspace{2cm}} \quad \textcircled{4} 5 \times (6 + 7) = \underline{\hspace{2cm}}$$

$$\textcircled{5} 6 + 2 + 3 + 4 = \underline{\hspace{2cm}} \quad \textcircled{6} 5 \times 9 + 8 = \underline{\hspace{2cm}}$$

$$\textcircled{7} 4 + 2 + 8 + 9 = \underline{\hspace{2cm}} \quad \textcircled{8} 7 + 3 + 4 + 9 = \underline{\hspace{2cm}}$$

$$\textcircled{9} 2 \times 5 + 9 = \underline{\hspace{2cm}} \quad \textcircled{10} 6 + 9 + 7 + 4 = \underline{\hspace{2cm}}$$

$$\textcircled{11} 2 \times (5 + 3) = \underline{\hspace{2cm}} \quad \textcircled{12} 9 + 6 \times 4 + 7 = \underline{\hspace{2cm}}$$

$$\textcircled{13} 2 + 8 \times 3 + 5 = \underline{\hspace{2cm}} \quad \textcircled{14} 3 \times 7 + 5 = \underline{\hspace{2cm}}$$

$$\textcircled{15} 6 \times 5 + 9 = \underline{\hspace{2cm}} \quad \textcircled{16} 2 \times 7 + 3 = \underline{\hspace{2cm}}$$

$$\textcircled{17} 4 \times 5 + 9 = \underline{\hspace{2cm}} \quad \textcircled{18} 8 + 4 + 5 + 6 = \underline{\hspace{2cm}}$$

$$\textcircled{19} 2 + 5 \times 3 + 4 = \underline{\hspace{2cm}} \quad \textcircled{20} 8 + 4 \times 7 + 5 = \underline{\hspace{2cm}}$$

Score: _____

2.2 Topic 2 — Fractions**2.2.1 Equivalent Fractions 3**

① $\frac{20}{30} = \frac{\quad}{3}$

② $\frac{8}{24} = \frac{\quad}{3}$

③ $\frac{32}{40} = \frac{\quad}{5}$

④ $\frac{5}{10} = \frac{\quad}{2}$

⑤ $\frac{14}{35} = \frac{\quad}{5}$

⑥ $\frac{24}{40} = \frac{\quad}{5}$

⑦ $\frac{6}{8} = \frac{\quad}{4}$

⑧ $\frac{4}{8} = \frac{\quad}{4}$

⑨ $\frac{4}{20} = \frac{\quad}{5}$

⑩ $\frac{7}{28} = \frac{\quad}{4}$

⑪ $\frac{6}{24} = \frac{\quad}{4}$

⑫ $\frac{4}{8} = \frac{\quad}{2}$

⑬ $\frac{9}{27} = \frac{\quad}{3}$

⑭ $\frac{6}{12} = \frac{\quad}{2}$

⑮ $\frac{3}{12} = \frac{\quad}{4}$

⑯ $\frac{6}{9} = \frac{\quad}{3}$

⑰ $\frac{7}{21} = \frac{\quad}{3}$

⑱ $\frac{8}{40} = \frac{\quad}{5}$

⑲ $\frac{12}{18} = \frac{\quad}{3}$

⑳ $\frac{6}{12} = \frac{\quad}{2}$

㉑ $\frac{8}{12} = \frac{\quad}{3}$

㉒ $\frac{3}{6} = \frac{\quad}{2}$

㉓ $\frac{10}{20} = \frac{\quad}{2}$

㉔ $\frac{14}{21} = \frac{\quad}{3}$

Score:

2.2.2 Equivalent Fractions 4

① $\frac{3}{4} = \frac{24}{\quad}$

② $\frac{4}{5} = \frac{8}{\quad}$

③ $\frac{3}{5} = \frac{18}{\quad}$

④ $\frac{2}{5} = \frac{4}{\quad}$

⑤ $\frac{1}{2} = \frac{3}{\quad}$

⑥ $\frac{1}{3} = \frac{5}{\quad}$

⑦ $\frac{2}{3} = \frac{20}{\quad}$

⑧ $\frac{1}{4} = \frac{10}{\quad}$

⑨ $\frac{2}{4} = \frac{6}{\quad}$

⑩ $\frac{1}{5} = \frac{3}{\quad}$

⑪ $\frac{2}{3} = \frac{4}{\quad}$

⑫ $\frac{1}{2} = \frac{3}{\quad}$

⑬ $\frac{4}{5} = \frac{20}{\quad}$

⑭ $\frac{2}{5} = \frac{18}{\quad}$

⑮ $\frac{1}{3} = \frac{5}{\quad}$

⑯ $\frac{1}{2} = \frac{4}{\quad}$

⑰ $\frac{1}{2} = \frac{9}{\quad}$

⑱ $\frac{2}{3} = \frac{14}{\quad}$

⑲ $\frac{1}{2} = \frac{6}{\quad}$

⑳ $\frac{2}{3} = \frac{8}{\quad}$

㉑ $\frac{3}{5} = \frac{30}{\quad}$

㉒ $\frac{1}{4} = \frac{4}{\quad}$

㉓ $\frac{1}{2} = \frac{9}{\quad}$

㉔ $\frac{1}{2} = \frac{2}{\quad}$

Score:

2.2.3 Simplifying Fractions 3

$$\textcircled{1} \frac{3}{15} = \underline{\hspace{2cm}} \quad \textcircled{2} \frac{20}{30} = \underline{\hspace{2cm}} \quad \textcircled{3} \frac{8}{32} = \underline{\hspace{2cm}}$$

$$\textcircled{4} \frac{6}{8} = \underline{\hspace{2cm}} \quad \textcircled{5} \frac{8}{16} = \underline{\hspace{2cm}} \quad \textcircled{6} \frac{3}{9} = \underline{\hspace{2cm}}$$

$$\textcircled{7} \frac{7}{14} = \underline{\hspace{2cm}} \quad \textcircled{8} \frac{6}{15} = \underline{\hspace{2cm}} \quad \textcircled{9} \frac{12}{20} = \underline{\hspace{2cm}}$$

$$\textcircled{10} \frac{32}{40} = \underline{\hspace{2cm}} \quad \textcircled{11} \frac{6}{12} = \underline{\hspace{2cm}} \quad \textcircled{12} \frac{8}{40} = \underline{\hspace{2cm}}$$

$$\textcircled{13} \frac{6}{8} = \underline{\hspace{2cm}} \quad \textcircled{14} \frac{6}{24} = \underline{\hspace{2cm}} \quad \textcircled{15} \frac{8}{16} = \underline{\hspace{2cm}}$$

$$\textcircled{16} \frac{24}{40} = \underline{\hspace{2cm}} \quad \textcircled{17} \frac{4}{12} = \underline{\hspace{2cm}} \quad \textcircled{18} \frac{6}{12} = \underline{\hspace{2cm}}$$

$$\textcircled{19} \frac{32}{40} = \underline{\hspace{2cm}} \quad \textcircled{20} \frac{10}{20} = \underline{\hspace{2cm}} \quad \textcircled{21} \frac{6}{12} = \underline{\hspace{2cm}}$$

$$\textcircled{22} \frac{12}{18} = \underline{\hspace{2cm}} \quad \textcircled{23} \frac{8}{20} = \underline{\hspace{2cm}} \quad \textcircled{24} \frac{16}{32} = \underline{\hspace{2cm}}$$

Score: _____

2.2.4 Simplifying Fractions 4

$$\textcircled{1} \frac{30}{40} = \underline{\hspace{2cm}} \quad \textcircled{2} \frac{9}{45} = \underline{\hspace{2cm}} \quad \textcircled{3} \frac{18}{36} = \underline{\hspace{2cm}}$$

$$\textcircled{4} \frac{10}{20} = \underline{\hspace{2cm}} \quad \textcircled{5} \frac{12}{18} = \underline{\hspace{2cm}} \quad \textcircled{6} \frac{40}{50} = \underline{\hspace{2cm}}$$

$$\textcircled{7} \frac{4}{10} = \underline{\hspace{2cm}} \quad \textcircled{8} \frac{6}{18} = \underline{\hspace{2cm}} \quad \textcircled{9} \frac{12}{20} = \underline{\hspace{2cm}}$$

$$\textcircled{10} \frac{8}{32} = \underline{\hspace{2cm}} \quad \textcircled{11} \frac{16}{32} = \underline{\hspace{2cm}} \quad \textcircled{12} \frac{9}{27} = \underline{\hspace{2cm}}$$

$$\textcircled{13} \frac{21}{28} = \underline{\hspace{2cm}} \quad \textcircled{14} \frac{5}{10} = \underline{\hspace{2cm}} \quad \textcircled{15} \frac{6}{18} = \underline{\hspace{2cm}}$$

$$\textcircled{16} \frac{4}{8} = \underline{\hspace{2cm}} \quad \textcircled{17} \frac{4}{8} = \underline{\hspace{2cm}} \quad \textcircled{18} \frac{4}{8} = \underline{\hspace{2cm}}$$

$$\textcircled{19} \frac{9}{18} = \underline{\hspace{2cm}} \quad \textcircled{20} \frac{10}{20} = \underline{\hspace{2cm}} \quad \textcircled{21} \frac{8}{16} = \underline{\hspace{2cm}}$$

$$\textcircled{22} \frac{24}{40} = \underline{\hspace{2cm}} \quad \textcircled{23} \frac{27}{36} = \underline{\hspace{2cm}} \quad \textcircled{24} \frac{10}{30} = \underline{\hspace{2cm}}$$

Score: _____

2.3 Topic 3 — Decimals**2.3.1 Adding and Subtracting 3**

$$\begin{array}{r} \textcircled{1} \quad 9.3 \\ + 5.2 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 8.7 \\ + 8.1 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 9.3 \\ + 6.9 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 1.7 \\ - 1.2 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 1.5 \\ - 1.1 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 3.7 \\ - 3.1 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 9.3 \\ + 8.0 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 4.4 \\ - 1.6 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 1.7 \\ - 1.1 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 6.8 \\ - 1.2 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 7.2 \\ + 5.1 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 9.5 \\ - 3.2 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{13} \quad 8.4 \\ - 4.9 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad 1.1 \\ - 1.0 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{15} \quad 5.9 \\ + 1.9 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{16} \quad 9.1 \\ + 1.2 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{17} \quad 9.4 \\ - 4.1 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{18} \quad 2.2 \\ + 5.0 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{19} \quad 8.3 \\ + 7.6 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{20} \quad 9.5 \\ + 9.6 \\ \hline \end{array}$$

Score:

2.3.2 Adding and Subtracting 4

$$\begin{array}{r} \textcircled{1} \quad 8.1 \\ - 6.8 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 9.3 \\ + 1.8 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 5.2 \\ - 3.7 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 7.2 \\ - 6.6 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 5.9 \\ + 3.2 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 3.9 \\ - 3.8 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 9.2 \\ + 5.6 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 4.3 \\ - 2.2 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 4.7 \\ - 3.1 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 3.8 \\ - 2.9 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 9.9 \\ + 7.4 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 4.6 \\ + 6.5 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{13} \quad 7.0 \\ - 2.4 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad 7.2 \\ - 3.1 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{15} \quad 1.0 \\ + 1.5 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{16} \quad 7.7 \\ + 5.6 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{17} \quad 6.9 \\ + 7.0 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{18} \quad 7.7 \\ - 2.9 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{19} \quad 3.6 \\ + 5.2 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{20} \quad 3.1 \\ + 3.6 \\ \hline \end{array}$$

Score:

2.4 Topic 4 — Money

2.4.1 Counting Coins 2

①  _____

②  _____

③  _____

④  _____

⑤  _____

⑥  _____

⑦  _____

⑧  _____

Score: _____

2.4.2 Money in Words 2

① \$6.75 _____

② \$5.85 _____

③ \$51.88 _____

④ \$62.30 _____

⑤ \$1.27 _____

⑥ \$41.59 _____

⑦ \$42.31 _____

⑧ \$3.88 _____

⑨ \$48.96 _____

⑩ \$7.92 _____

Score: _____

2.5 Problem Solving (Number Problems)**2.5.1 Number Problem 3**

- ① _____ The sum of a number and four is 6. Find the number.
- ② _____ A number decreased by 6 is 7. Find the number.
- ③ _____ Three less than a number is 2. Find the number.
- ④ _____ Five more than a number is 12. What is the number?
- ⑤ _____ A number increased by eight is 11. Find the number.
- ⑥ _____ The product of ten and a number is 80. What is the number?
- ⑦ _____ The sum of a number and three is 7. Find the number.
- ⑧ _____ A number diminished by 4 is 6. Find the number.
- ⑨ _____ Eight less than a number is 2. Find the number.
- ⑩ _____ Two more than a number is 4. What is the number?

Score: _____

2.5.2 Number Problem 4

- ① _____ The product of four and a number is 32.
What is the number?
- ② _____ Eight more than a number is 11. What is
the number?
- ③ _____ A number increased by two is 10. Find
the number.
- ④ _____ A number diminished by 2 is 2. Find the
number.
- ⑤ _____ Two less than a number is 5. Find the
number.
- ⑥ _____ The sum of a number and six is 8. Find
the number.
- ⑦ _____ The product of eight and a number is 40.
What is the number?
- ⑧ _____ Eight more than a number is 12. What is
the number?
- ⑨ _____ A number increased by two is 7. Find the
number.
- ⑩ _____ A number decreased by 3 is 7. Find the
number.

Score:

2.6 Quiz 2

1. Which three coins could be used to make 65 cents? _____

2. How much change from \$5.00 would be received if I spent \$2.37?

3. Adam bought 5 chocolate frogs which cost 15 cents each and 2 peanut bars at 45 cents each. How much change did he receive from \$2.00?

4. There are four piles of bank notes. Each pile contains \$100. One pile is made up of \$50 notes, another of \$20 notes, the third of \$10 notes and the fourth of \$5 notes. How many notes are there altogether?

5. Which 4 Australian bank notes could be used to make \$95? _____

6. Which 4 coins could be used to make one dollar and fifteen cents?

7. Which 5 coins would be used to make \$1.45? _____

8. The supermarket sells 5 peaches for \$4.50 and 6 mangoes for \$4.80. Which is the cheaper fruit?

9. If I save 15 cents each day. How much can I save in a normal year?

10. My mother gives me \$1 each week for pocket money. If I save half of it each week, how much can I save in a year?

11. What number comes half way between 16 and 28?

12. Peter had 146 marbles. When he dropped the bag they all rolled out. Ray found 17, David found 34, Linda found 29 and Peter found the rest. How many marbles did Peter find?

13. What number is the difference between 29 and 104? _____

14. 26 runners began the race but only 19 completed the course. How many runners dropped out of the race?

15. Carol collected 87 dolls in national costumes from different countries. Dolly had collected 93 dolls. How many less did Carol have than Dolly?

16. At the concert, 239 children attended from North Ryde Primary School, 485 from West Ryde Primary School and 128 from East Ryde Primary School. How many children attended the concert?

17. Mr Lee, the Librarian, bought 126 Science and Maths books, 21 Art, 75 History and 58 Reference books. There were 2340 books in the library. How many books are in the library now?

18. Steven saw 7 emus and 14 deer in the same enclosure at the zoo. If he counted all the legs, how many should there be?

19. In a class there are 29 children. 6 wear spectacles. 15 have dark hair. What is the most number of children who could have fair hair and not wear spectacles?

20. Charles had 49 tropical fish and Bob had 76. How many more tropical fish had Bob than Charles?
