

Year 3 Term 2 Homework

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

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This edition was printed on February 15, 2017.

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

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3 Year 3 Term 2 Week 3 Homework

3.1 Topic 1 — Order of Operations

3.1.1 Order of Operations 5

$$\textcircled{1} 6 \times 7 + 5 = \underline{\hspace{2cm}} \quad \textcircled{2} (8 + 3) \times (2 + 6) = \underline{\hspace{2cm}}$$

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

$$\textcircled{5} 6 \times 9 + 8 = \underline{\hspace{2cm}} \quad \textcircled{6} (8 + 6) \times (4 + 7) = \underline{\hspace{2cm}}$$

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

$$\textcircled{9} (4 + 6) \times (5 + 8) = \underline{\hspace{2cm}} \quad \textcircled{10} 3 \times (9 + 2) = \underline{\hspace{2cm}}$$

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

$$\textcircled{13} 6 + 9 \times 7 + 5 = \underline{\hspace{2cm}} \quad \textcircled{14} 6 \times 5 + 4 = \underline{\hspace{2cm}}$$

$$\textcircled{15} (5 + 6) \times (3 + 4) = \underline{\hspace{2cm}} \quad \textcircled{16} 4 \times (3 + 2) = \underline{\hspace{2cm}}$$

$$\textcircled{17} 4 + 3 \times 7 + 2 = \underline{\hspace{2cm}} \quad \textcircled{18} 5 \times 8 + 4 = \underline{\hspace{2cm}}$$

$$\textcircled{19} (3 + 5) \times (4 + 7) = \underline{\hspace{2cm}} \quad \textcircled{20} 7 + 6 + 9 + 3 = \underline{\hspace{2cm}}$$

Score: _____

3.1.2 Order of Operations 6

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

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

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

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

$$\textcircled{9} 3 + 9 \times 2 + 7 = \underline{\hspace{2cm}} \quad \textcircled{10} 5 + 2 + 9 + 7 = \underline{\hspace{2cm}}$$

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

$$\textcircled{13} (5 + 8) \times (2 + 9) = \underline{\hspace{2cm}} \quad \textcircled{14} 3 \times (2 + 7) = \underline{\hspace{2cm}}$$

$$\textcircled{15} 9 + 7 + 3 + 2 = \underline{\hspace{2cm}} \quad \textcircled{16} 3 + 7 + 6 + 8 = \underline{\hspace{2cm}}$$

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

$$\textcircled{19} 9 + 8 + 3 + 2 = \underline{\hspace{2cm}} \quad \textcircled{20} 4 + 9 + 8 + 3 = \underline{\hspace{2cm}}$$

Score: _____

3.2 Topic 2 — Fractions**3.2.1 Equivalent Fractions 5**

① $\frac{3}{18} = \frac{\quad}{6}$

② $\frac{24}{48} = \frac{\quad}{6}$

③ $\frac{9}{18} = \frac{\quad}{2}$

④ $\frac{9}{15} = \frac{\quad}{5}$

⑤ $\frac{8}{12} = \frac{\quad}{6}$

⑥ $\frac{4}{6} = \frac{\quad}{3}$

⑦ $\frac{28}{35} = \frac{\quad}{5}$

⑧ $\frac{14}{28} = \frac{\quad}{4}$

⑨ $\frac{16}{40} = \frac{\quad}{5}$

⑩ $\frac{3}{9} = \frac{\quad}{3}$

⑪ $\frac{21}{28} = \frac{\quad}{4}$

⑫ $\frac{10}{40} = \frac{\quad}{4}$

⑬ $\frac{4}{12} = \frac{\quad}{6}$

⑭ $\frac{5}{25} = \frac{\quad}{5}$

⑮ $\frac{50}{60} = \frac{\quad}{6}$

⑯ $\frac{14}{21} = \frac{\quad}{3}$

⑰ $\frac{7}{21} = \frac{\quad}{3}$

⑱ $\frac{9}{18} = \frac{\quad}{2}$

⑲ $\frac{24}{48} = \frac{\quad}{6}$

⑳ $\frac{9}{18} = \frac{\quad}{2}$

㉑ $\frac{32}{40} = \frac{\quad}{5}$

㉒ $\frac{10}{40} = \frac{\quad}{4}$

㉓ $\frac{4}{8} = \frac{\quad}{2}$

㉔ $\frac{2}{8} = \frac{\quad}{4}$

Score:

3.2.2 Equivalent Fractions 6

① $\frac{4}{20} = \frac{1}{5}$

② $\frac{21}{42} = \frac{1}{2}$

③ $\frac{4}{6} = \frac{2}{3}$

④ $\frac{18}{54} = \frac{1}{3}$

⑤ $\frac{3}{6} = \frac{1}{2}$

⑥ $\frac{6}{15} = \frac{2}{5}$

⑦ $\frac{3}{9} = \frac{1}{3}$

⑧ $\frac{9}{36} = \frac{1}{4}$

⑨ $\frac{21}{35} = \frac{3}{5}$

⑩ $\frac{36}{54} = \frac{2}{3}$

⑪ $\frac{40}{48} = \frac{5}{6}$

⑫ $\frac{12}{24} = \frac{1}{2}$

⑬ $\frac{36}{45} = \frac{4}{5}$

⑭ $\frac{6}{36} = \frac{1}{6}$

⑮ $\frac{21}{28} = \frac{3}{4}$

⑯ $\frac{10}{25} = \frac{2}{5}$

⑰ $\frac{2}{4} = \frac{1}{2}$

⑱ $\frac{12}{16} = \frac{3}{4}$

⑲ $\frac{12}{20} = \frac{3}{5}$

⑳ $\frac{6}{10} = \frac{3}{5}$

㉑ $\frac{7}{35} = \frac{1}{5}$

㉒ $\frac{8}{24} = \frac{1}{3}$

㉓ $\frac{4}{6} = \frac{2}{3}$

㉔ $\frac{10}{30} = \frac{1}{3}$

Score:

3.2.3 Simplifying Fractions 5

$$\textcircled{1} \frac{8}{24} = \underline{\hspace{2cm}} \quad \textcircled{2} \frac{20}{30} = \underline{\hspace{2cm}} \quad \textcircled{3} \frac{12}{30} = \underline{\hspace{2cm}}$$

$$\textcircled{4} \frac{4}{12} = \underline{\hspace{2cm}} \quad \textcircled{5} \frac{9}{18} = \underline{\hspace{2cm}} \quad \textcircled{6} \frac{2}{8} = \underline{\hspace{2cm}}$$

$$\textcircled{7} \frac{24}{30} = \underline{\hspace{2cm}} \quad \textcircled{8} \frac{36}{54} = \underline{\hspace{2cm}} \quad \textcircled{9} \frac{12}{24} = \underline{\hspace{2cm}}$$

$$\textcircled{10} \frac{30}{40} = \underline{\hspace{2cm}} \quad \textcircled{11} \frac{2}{10} = \underline{\hspace{2cm}} \quad \textcircled{12} \frac{9}{15} = \underline{\hspace{2cm}}$$

$$\textcircled{13} \frac{25}{30} = \underline{\hspace{2cm}} \quad \textcircled{14} \frac{12}{24} = \underline{\hspace{2cm}} \quad \textcircled{15} \frac{7}{42} = \underline{\hspace{2cm}}$$

$$\textcircled{16} \frac{10}{20} = \underline{\hspace{2cm}} \quad \textcircled{17} \frac{4}{6} = \underline{\hspace{2cm}} \quad \textcircled{18} \frac{16}{48} = \underline{\hspace{2cm}}$$

$$\textcircled{19} \frac{14}{21} = \underline{\hspace{2cm}} \quad \textcircled{20} \frac{10}{20} = \underline{\hspace{2cm}} \quad \textcircled{21} \frac{14}{21} = \underline{\hspace{2cm}}$$

$$\textcircled{22} \frac{10}{30} = \underline{\hspace{2cm}} \quad \textcircled{23} \frac{7}{21} = \underline{\hspace{2cm}} \quad \textcircled{24} \frac{3}{6} = \underline{\hspace{2cm}}$$

Score: _____

3.2.4 Simplifying Fractions 6

$$\textcircled{1} \frac{21}{35} = \underline{\hspace{2cm}} \quad \textcircled{2} \frac{6}{9} = \underline{\hspace{2cm}} \quad \textcircled{3} \frac{8}{48} = \underline{\hspace{2cm}}$$

$$\textcircled{4} \frac{12}{16} = \underline{\hspace{2cm}} \quad \textcircled{5} \frac{10}{25} = \underline{\hspace{2cm}} \quad \textcircled{6} \frac{7}{21} = \underline{\hspace{2cm}}$$

$$\textcircled{7} \frac{7}{14} = \underline{\hspace{2cm}} \quad \textcircled{8} \frac{36}{54} = \underline{\hspace{2cm}} \quad \textcircled{9} \frac{45}{54} = \underline{\hspace{2cm}}$$

$$\textcircled{10} \frac{12}{36} = \underline{\hspace{2cm}} \quad \textcircled{11} \frac{3}{12} = \underline{\hspace{2cm}} \quad \textcircled{12} \frac{24}{48} = \underline{\hspace{2cm}}$$

$$\textcircled{13} \frac{14}{28} = \underline{\hspace{2cm}} \quad \textcircled{14} \frac{16}{20} = \underline{\hspace{2cm}} \quad \textcircled{15} \frac{2}{10} = \underline{\hspace{2cm}}$$

$$\textcircled{16} \frac{8}{24} = \underline{\hspace{2cm}} \quad \textcircled{17} \frac{9}{18} = \underline{\hspace{2cm}} \quad \textcircled{18} \frac{10}{30} = \underline{\hspace{2cm}}$$

$$\textcircled{19} \frac{10}{15} = \underline{\hspace{2cm}} \quad \textcircled{20} \frac{7}{21} = \underline{\hspace{2cm}} \quad \textcircled{21} \frac{8}{10} = \underline{\hspace{2cm}}$$

$$\textcircled{22} \frac{32}{40} = \underline{\hspace{2cm}} \quad \textcircled{23} \frac{8}{16} = \underline{\hspace{2cm}} \quad \textcircled{24} \frac{2}{4} = \underline{\hspace{2cm}}$$

Score: _____

3.3 Topic 3 — Decimals**3.3.1 Adding and Subtracting 5**

$$\begin{array}{r} \textcircled{1} \quad 9.9 \\ - 8.6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 18.4 \\ - 8.2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 16.3 \\ - 2.8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 3.9 \\ - 1.1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 4.0 \\ - 3.2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 14.2 \\ + 18.9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 11.0 \\ - 9.2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 10.2 \\ + 11.2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 12.5 \\ - 9.5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 18.3 \\ + 15.5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 14.7 \\ + 17.5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 4.0 \\ - 2.8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{13} \quad 10.8 \\ - 10.2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad 7.0 \\ - 2.9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{15} \quad 17.6 \\ + 3.3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{16} \quad 14.5 \\ + 6.6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{17} \quad 1.6 \\ + 14.5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{18} \quad 10.5 \\ + 5.5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{19} \quad 12.1 \\ + 9.3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{20} \quad 6.3 \\ + 9.3 \\ \hline \\ \hline \end{array}$$

Score:

3.3.2 Adding and Subtracting 6

$$\begin{array}{r} \textcircled{1} \quad 2.5 \\ + 14.6 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 14.0 \\ + 7.1 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 18.8 \\ + 12.2 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 5.7 \\ + 2.5 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 17.1 \\ - 6.9 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 3.1 \\ + 18.9 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 1.5 \\ + 13.7 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 6.5 \\ + 5.3 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 8.9 \\ - 1.0 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 7.1 \\ + 3.4 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 10.3 \\ - 10.2 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 5.0 \\ - 2.6 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{13} \quad 1.9 \\ - 1.8 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad 10.4 \\ - 1.1 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{15} \quad 13.9 \\ - 6.2 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{16} \quad 6.4 \\ - 1.1 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{17} \quad 7.6 \\ - 2.6 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{18} \quad 9.1 \\ - 6.3 \\ \hline \end{array}$$


$$\begin{array}{r} \textcircled{19} \quad 1.1 \\ + 10.0 \\ \hline \end{array}$$


$$\begin{array}{r} \textcircled{20} \quad 8.4 \\ + 7.2 \\ \hline \end{array}$$


Score:


3.4 Topic 4 — Money


3.4.1 Counting Coins 3


①  _____


②  _____


③  _____

④  _____

⑤  _____

⑥  _____

⑦  _____

⑧  _____

Score: _____

3.4.2 Money in Words 3

① \$5.73 _____

② \$56.15 _____

③ \$94.26 _____

④ \$8.64 _____

⑤ \$50.00 _____

⑥ \$17.07 _____

⑦ \$4.08 _____

⑧ \$1.39 _____

⑨ \$54.01 _____

⑩ \$7.59 _____

Score: _____

3.4.3 Shopping 1

hamburger = \$2.50 taco = \$2.25 deluxe cheeseburger = \$3.50 ice cream cone = \$1.00	tie = \$8.00 cola = \$1.00 shirt = \$9.00 order of French-fries = \$1.00
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- ① _____ What is the total cost of four ice cream cones and two hamburgers?
- ② _____ If David wanted to buy an ice cream cone, a taco, a tie, and a cola, how much would he have to pay?
- ③ _____ What is the total cost of a tie, a cola, and a hamburger?
- ④ _____ What is the total cost of four shirts, three ties, and three colas?
- ⑤ _____ If Ellen wanted to buy a cola, an ice cream cone, and a tie, how much would she have to pay?
- ⑥ _____ What is the total cost of a hamburger, a tie, and a cola?
- ⑦ _____ What is the total cost of three shirts, three ties, and two ice cream cones?
- ⑧ _____ If David wanted to buy a taco, a hamburger, and a shirt, how much money would he need?
- ⑨ _____ What is the total cost of a tie and a deluxe cheeseburger?
- ⑩ _____ What is the total cost of five shirts, five colas, and five deluxe cheeseburgers?

Score:

3.4.4 Shopping 2

hamburger = \$2.50 cola = \$1.25 tie = \$9.00 order of French-fries = \$1.00	taco = \$2.25 shirt = \$9.25 ice cream cone = \$1.75 deluxe cheeseburger = \$3.50
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- ① _____ Michelle wants to buy four shirts. How much money will she need?
- ② _____ If Sandra wanted to buy a tie, an ice cream cone, and a shirt, how much would she have to pay?
- ③ _____ What is the total cost of a tie, a shirt, an ice cream cone, and a cola?
- ④ _____ What is the total cost of four shirts, five ties, and two hamburgers?
- ⑤ _____ Marin wants to buy three tacos. How much will she have to pay?
- ⑥ _____ If Donald wanted to buy a cola and a shirt, how much would it cost him?
- ⑦ _____ What is the total cost of a shirt and a cola?
- ⑧ _____ What is the total cost of four ties and four orders of French-fries?
- ⑨ _____ Jennifer wants to buy two hamburgers and five ties. How much money will she need?
- ⑩ _____ If Paul wanted to buy a taco, a hamburger, and an ice cream cone, how much would it cost him?

Score: _____

3.5 Problem Solving (Number Problems)**3.5.1 Number Problem 5**

- ① _____ The product of eight and a number is 64.
What is the number?
- ② _____ A number increased by eight is 12. Find
the number.
- ③ _____ Two less than a number is 4. Find the
number.
- ④ _____ A number decreased by 2 is 4. Find the
number.
- ⑤ _____ Four more than a number is 11. What is
the number?
- ⑥ _____ The quotient of a number and ten is 3.
Find the number.
- ⑦ _____ The sum of a number and nine is 13.
Find the number.
- ⑧ _____ Twice a number is 4. What is the
number?
- ⑨ _____ The product of five and a number is 35.
What is the number?
- ⑩ _____ A number increased by six is 8. Find the
number.

Score:

3.5.2 Number Problem 6

- ① _____ The quotient of a number and nine is 5.
Find the number.
- ② _____ Twice a number is 4. What is the
number?
- ③ _____ The product of two and a number is 8.
What is the number?
- ④ _____ A number decreased by 7 is 5. Find the
number.
- ⑤ _____ The sum of a number and five is 14. Find
the number.
- ⑥ _____ Eight less than a number is 2. Find the
number.
- ⑦ _____ A number increased by eight is 12. Find
the number.
- ⑧ _____ Three more than a number is 12. What is
the number?
- ⑨ _____ The quotient of a number and seven is 3.
Find the number.
- ⑩ _____ Three times a number is 6. What is the
number?

Score:

3.6 Quiz 3

1. Which four coins could be used to make 165 cents?

2. How much change from \$10.00 would be received if I spent \$8.35?

3. David bought 6 chocolate frogs which cost 25 cents each and 4 peanut bars at 35 cents each. How much change did he receive from \$5.00?

4. There are five piles of bank notes. Each pile contains \$200. One pile is made up of \$100 notes, another of \$50 notes, the third of \$20 notes, the fourth of \$10 notes and the fifth of \$5 notes. How many notes are in the five piles altogether?

5. Which 4 Australian bank notes could be used to make \$145?

6. Which 3 coins could be used to make one dollar and fifteen cents?

7. Which 4 coins would be used to make \$1.45?

8. The supermarket sells 8 peaches for \$6.80 and 9 mangoes for \$7.20. Which is the cheaper fruit?

9. How many grams in half a kg?

10. How many days in April and May?

11. Double the sum of 37 and 12.

12. Raymond had 246 marbles. When he dropped the bag they all rolled out. Peter found 47, David found 64, Linda found 39, Robert found 41 and Raymond found the rest. How many did Raymond find?

13. What is the difference between 102 and 76?

14. Half of the sum of 32 and 24.

15. How many hundreds are there in 4 thousands, 5 hundreds, 3 tens and 7 units?

16. Dad drives me to school each morning. I like to arrive no later than 8:50 a.m. Our house is 12 kilometres away from the school. What is the latest time we can leave if he drives at an average speed of 60 km/h?

17. The pages of Steven's story book are numbered 1-40. How many numeral 2's are on the pages?

18. How many of these fractions have a value equal to one half?

$$\frac{4}{10}, \frac{5}{10}, \frac{3}{6}, \frac{2}{5}, \frac{4}{8}, \frac{8}{16}, \frac{1}{4}, \frac{6}{9} \text{ and } \frac{2}{4}$$

19. I am twice the result of adding 7 and 8. What number am I?

20. What number comes half way between 24 and 92?

21. Find the remainder when 348 divided by 7.

22. How many halves are there in $3\frac{1}{2}$.

23. Find the average of 18 and 22.

24. In a class of 29 students there are 3 more girls than boys. How many boys are there in the class?

25. Eight less than a number is 23. Find the number.
