

Year 3 Term 4 Homework

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

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7 Year 3 Term 4 Week 7 Homework**7.1 Topic 1 — Fraction****7.1.1 Adding & Subtracting Fractions 5**

$$\textcircled{1} \quad 1\frac{3}{5} + 4\frac{1}{4} = \underline{\hspace{10cm}}$$

$$\textcircled{2} \quad 2\frac{1}{2} - \frac{5}{8} = \underline{\hspace{10cm}}$$

$$\textcircled{3} \quad 3\frac{2}{8} + 3\frac{2}{5} = \underline{\hspace{10cm}}$$

$$\textcircled{4} \quad 4\frac{2}{3} - 1\frac{2}{7} = \underline{\hspace{10cm}}$$

$$\textcircled{5} \quad \frac{2}{5} - \frac{2}{6} = \underline{\hspace{10cm}}$$

$$\textcircled{6} \quad 4\frac{6}{8} + 3\frac{1}{2} = \underline{\hspace{10cm}}$$

$$\textcircled{7} \quad \frac{3}{7} - \frac{3}{8} = \underline{\hspace{10cm}}$$

$$\textcircled{8} \quad 3\frac{1}{3} - \frac{7}{8} = \underline{\hspace{10cm}}$$

$$\textcircled{9} \quad \frac{1}{6} - \frac{1}{7} = \underline{\hspace{10cm}}$$

$$\textcircled{10} \quad 3\frac{2}{6} + 4\frac{4}{7} = \underline{\hspace{10cm}}$$

Score: _____

7.1.2 Adding & Subtracting Fractions 6

$$\textcircled{1} \quad 2\frac{1}{2} - 1\frac{3}{7} = \underline{\hspace{10em}}$$

$$\textcircled{2} \quad 4\frac{1}{3} + 1\frac{2}{4} = \underline{\hspace{10em}}$$

$$\textcircled{3} \quad 1\frac{2}{6} - \frac{4}{8} = \underline{\hspace{10em}}$$

$$\textcircled{4} \quad 3\frac{5}{6} - \frac{1}{7} = \underline{\hspace{10em}}$$

$$\textcircled{5} \quad \frac{4}{7} + 4\frac{1}{3} = \underline{\hspace{10em}}$$

$$\textcircled{6} \quad \frac{1}{7} - \frac{1}{8} = \underline{\hspace{10em}}$$

$$\textcircled{7} \quad 1\frac{2}{7} - 1\frac{1}{5} = \underline{\hspace{10em}}$$

$$\textcircled{8} \quad 4\frac{5}{8} - 1\frac{2}{8} = \underline{\hspace{10em}}$$

$$\textcircled{9} \quad 4\frac{3}{8} + 4\frac{1}{8} = \underline{\hspace{10em}}$$

$$\textcircled{10} \quad 1\frac{5}{7} - 1\frac{5}{8} = \underline{\hspace{10em}}$$

Score: _____

7.1.3 Multiplying & dividing Fractions 6

$$\textcircled{1} \quad 2\frac{7}{8} \times 1\frac{3}{4} = \underline{\hspace{10cm}}$$

$$\textcircled{2} \quad 3\frac{1}{3} \div 2\frac{2}{7} = \underline{\hspace{10cm}}$$

$$\textcircled{3} \quad 4\frac{1}{2} \div 3\frac{4}{8} = \underline{\hspace{10cm}}$$

$$\textcircled{4} \quad 1\frac{1}{8} \div 4\frac{7}{8} = \underline{\hspace{10cm}}$$

$$\textcircled{5} \quad 1\frac{2}{5} \times 4\frac{4}{9} = \underline{\hspace{10cm}}$$

$$\textcircled{6} \quad 4\frac{2}{7} \times 4\frac{1}{7} = \underline{\hspace{10cm}}$$

$$\textcircled{7} \quad 1\frac{5}{6} \times 4\frac{4}{6} = \underline{\hspace{10cm}}$$

$$\textcircled{8} \quad 2\frac{2}{8} \div 3\frac{2}{3} = \underline{\hspace{10cm}}$$

$$\textcircled{9} \quad 4\frac{4}{6} \div 4\frac{8}{9} = \underline{\hspace{10cm}}$$

$$\textcircled{10} \quad 3\frac{5}{8} \div 4\frac{2}{9} = \underline{\hspace{10cm}}$$

Score: _____

7.1.4 Multiplying Fraction & Whole Number

① $\frac{1}{2}$ of 74 = _____

② $\frac{1}{6}$ of 6 = _____

③ $\frac{2}{7}$ of 21 = _____

④ $\frac{4}{5}$ of 65 = _____

⑤ $\frac{1}{7}$ of 91 = _____

⑥ $\frac{1}{8}$ of 56 = _____

⑦ $\frac{2}{6}$ of 60 = _____

⑧ $\frac{2}{5}$ of 40 = _____

⑨ $\frac{7}{9}$ of 99 = _____

⑩ $\frac{3}{5}$ of 45 = _____

⑪ $\frac{6}{9}$ of 45 = _____

⑫ $\frac{1}{4}$ of 84 = _____

⑬ $\frac{1}{3}$ of 93 = _____

⑭ $\frac{5}{7}$ of 49 = _____

⑮ $\frac{4}{9}$ of 18 = _____

⑯ $\frac{4}{8}$ of 56 = _____

Score: _____

7.1.5 Dividing Fraction & Whole Number

① $1 \div \frac{3}{6} =$ _____

② $5 \div \frac{2}{3} =$ _____

③ $4 \div \frac{2}{5} =$ _____

④ $7 \div \frac{2}{4} =$ _____

⑤ $14 \div \frac{1}{2} =$ _____

⑥ $2 \div \frac{3}{4} =$ _____

⑦ $12 \div \frac{4}{6} =$ _____

⑧ $17 \div \frac{1}{4} =$ _____

⑨ $11 \div \frac{1}{3} =$ _____

⑩ $9 \div \frac{4}{5} =$ _____

⑪ $15 \div \frac{1}{5} =$ _____

⑫ $13 \div \frac{3}{5} =$ _____

⑬ $8 \div \frac{2}{6} =$ _____

⑭ $3 \div \frac{5}{6} =$ _____

⑮ $18 \div \frac{1}{6} =$ _____

⑯ $10 \div \frac{2}{4} =$ _____

Score:

7.2 Multiple Operations

7.2.1 Multiple Operations 1

① $(1 + 2) \div 4 =$ _____

② $2 + 7 \times 6 + 9 =$ _____

③ $(1 + 6) \div 4 =$ _____

④ $(4 \times 1) - (9 + 3) =$ _____

⑤ $(2 \times 5) - (6 + 3) =$ _____

⑥ $(5 \times 7) - (1 + 2) =$ _____

⑦ $(2 \times 7) - (8 + 6) =$ _____

⑧ $1 + 2 \times 7 + 5 =$ _____

⑨ $1 + 7 \times 4 + 8 =$ _____

⑩ $(8 + 9) \times (4 + 7) =$ _____

⑪ $9 + 8 \times 5 + 7 =$ _____

⑫ $(4 + 9) \times (8 + 5) =$ _____

Score: _____

7.2.2 Multiple Operations 2

① $(1 + 3) \times (8 + 4) =$ _____

② $(8 \times 5) - (3 + 7) =$ _____

③ $(5 + 1) \times (3 + 7) =$ _____

④ $(1 \times 2) - (9 + 5) =$ _____

⑤ $(1 + 7) \times (5 + 9) =$ _____

⑥ $(3 + 2) \div 8 =$ _____

⑦ $(1 + 6) \times (9 + 5) =$ _____

⑧ $(8 \times 2) - (7 + 4) =$ _____

⑨ $(5 + 2) \div 3 =$ _____

⑩ $(7 \times 8) - (2 + 3) =$ _____

⑪ $(7 \times 3) - (8 + 9) =$ _____

⑫ $(4 + 7) \times (2 + 3) =$ _____

Score:

7.3 Problem solving

Exercise 7.3.1 Using each of digits 1, 4, 5 and 8 once only. Write:

1. *the largest possible number* _____
2. *the smallest possible number* _____
3. *the largest possible even number* _____
4. *the smallest possible odd number* _____
5. *two 2-digit numbers which have the smallest difference.*

6. *two 2-digit numbers which have the largest difference.*

Exercise 7.3.2 964 soldiers are on parade. They are marching in rows of 6.

1. *How many rows are there?* _____
2. *Does the last row contain fewer soldiers than other rows?* _____
3. *What would your answers be if the soldiers are marching in rows of 8?*

Exercise 7.3.3 Mr. Black bought 1200 kg of coal. He used about 75 kg each week.

1. *How much coal did he use after 6 weeks?*

2. *How much coal did he have left after 6 weeks?*

3. *After how many weeks might he run out of coal?*

7.4 Diagnostic Test

1. What is the smallest 4 digit number if digits cannot be repeated? [5]

1. _____

2. What is the greatest 4 digit number if digits cannot be repeated? [5]

2. _____

3. What is the greatest 3 digit number divisible by 5? [5]

3. _____

4. What is the smallest 3 digit number divisible by 5? [5]

4. _____

5. The difference between two numbers is 2357. The smaller number is 1375. What is the other number? [5]

5. _____

6. The difference between two numbers is 2795. The larger number is 3564. What is the other number? [5]

6. _____

7. What is the sum of 5300 and 3800? [5]

7. _____

8. One term in an addition is 1860. The sum is 6530. What is the other term? [5]

8. _____

9. How many halves are there in $11\frac{1}{2}$? [5]

9. _____

10. How many quarters are there in $5\frac{1}{2}$? [5]

10. _____

11. How many quarters are there in $4\frac{1}{4}$? [5]

11. _____

12. There are 5500 beads in a bag. 1750 are white, 2850 are red and the rest are blue. How many blue beads are there in the bag? [5]

12. _____

13. A farmer has 1025 chickens. He has 285 more ducks than chickens. How many chickens and ducks does he have altogether? [5]

13. _____

14. Linda had a large box of chocolate. She gave 15 chocolates to each of her 6 children and had 25 left over. How many chocolates were in the box before Linda opened it? [5]

14. _____

15. John has 324 football cards and Mike has 1 quarter of that number.

(a) How many football cards does Mike have? [2]

(a) _____

(b) How many football cards do two boys have altogether? [3]

(b) _____

16. How many minutes are there from 8:45 a.m to 3:05 p.m? [5]

16. _____

17. Helen has 324 postcards, which is 3 times as many as Mary has. How many postcards do they have altogether? [5]

17. _____

18. Lisa had collected 120 shells. She gave one quarter of the shells to Alice and one third of them to Julia. How many shells did Lisa have left? [5]

18. _____

19. David bought 5 pairs of sports socks for \$7.75. James bought 6 pairs of the same kind of socks. How much did James pay? [5]

19. _____

20. One number is six times another. Their sum is 42. Find the product of these two numbers. [5]

20. _____