Grade 5 Summer Review Packet

Please Read Carefully *so you know what is expected of you. Your summer packet is due on the first day of school, and you will be given a test on the material contained in the summer packet during a 75-minute class the week of September 3rd, 2019 (first week of school). The summer packet will count for 10% and the test will count for 90% of your grade for the summer review.*

Enclosed is a set of objectives on material that you should already know but that you might need to review. Along with the objectives is a list of Khan Academy videos with examples and explanations on each objective. Each objective has a set of problems for you to complete. You are expected to complete **all the problems.** *Each assignment should be on a separate sheet of paper. Show all work in a neat and organized manner, make sure to include the original problem.* ***Please circle or highlight your answers.*** *An answer key to the odd numbered problems is attached. Be sure to check your odd numbered problem answers with the answer key.* **Be sure to show all work for each problem.**

The following material was covered in Grade 4. This material will not be covered in Grade 5. The assumption is that the material is part of your knowledge base. As a review, you are to complete the attached problems. If you have trouble completing any part of the assignment you are expected to seek help. [Coolmath.com](); [Khan Academy]() *or* [YouTube]() *can be used as a reference. Please do not wait until the last minute to complete the assignment.*

To watch the videos, click on the link and it will open in your web browser. Good Luck!

Assignment 1: Adding and Subtracting Whole Numbers
Video: Multi-Digit Addition (Math Antics)
Video: Multi-Digit Subtraction (Math Antics)

Find the sum or difference of the following using mental math:

1 a. 19 + 84 = _____

1 b. 54 + 96 = _____

2 a. 56 + 99 = _____

2 b. 45 + 18 = _____

3 a. 95 + 68 = _____

3 b. 92 + 15 = _____

4 a. 87 + 29 = _____

4 b. 95 + 17 = _____

5 a. 56 − 56 = _____

5 b. 66 − 11 = _____

6 a. 68 − 42 = _____

6 b. 71 − 71 = _____

7 a. 40 − 31 = _____

7 b. 41 − 19 = _____

8 a. 78 − 5 = _____

8 b. 63 − 21 = _____

Assignment 2: Multiplying Single/Double Digit Whole Numbers
Video: Multiplying: 2 digits times 1 digit (with carrying) (Khan Academy)
Video: Multiplying: 2 digit numbers (Khan Academy)

Find the product of the following:

1 a.	4 5	1 b.	5 8	1 c.	7 6
	× 2		× 6		× 9

2 a.	5 2	2 b.	8 6	2 c.	8 7
	× 9		× 2		× 7

3 a.	3 1	3 b.	5 6	3 c.	4 3
	× 8		× 6		× 7

Find the product of the following:

1 a.	8 1	1 b.	9 4	1 c.	5 2
	× 8 2		× 7 9		× 7 1

2 a.	7 4	2 b.	3 5	2 c.	1 7
	× 4 8		× 3 4		× 2 2

Assignment 3: Dividing Multi Digit Whole Numbers by a Single Digit

Video: Basic Division (Math Antics)

Video: Long Division (Math Antics)

Find the quotient of the following. Some problems will have a remainder.

1 a.

$$3 \overline{)1\ 2}$$

1 b.

$$9 \overline{)7\ 2}$$

1 c.

$$8 \overline{)7\ 2}$$

2 a.

$$6 \overline{)5\ 4}$$

2 b.

$$8 \overline{)2\ 4}$$

2 c.

$$9 \overline{)8\ 1}$$

3 a.

$$9 \overline{)6\ 6}$$

3 b.

$$7 \overline{)2\ 6}$$

3 c.

$$4 \overline{)6\ 9}$$

Find the quotient of the following using long division. Some answers may have remainders.

1 a.

$$7 \overline{)1\ 6\ 8}$$

1 b.

$$8 \overline{)6\ 8\ 2}$$

2 a.

$$4 \overline{)7\ 3\ 8}$$

2 b.

$$2 \overline{)5\ 9\ 4}$$

Assignment 4: Comparing Fractions

Video: Comparing Fractions (Math Antics)

Compare the following fractions. Use >, < or =

1 a. $\dfrac{1}{2} \square \dfrac{5}{7}$	**1 b.** $\dfrac{5}{9} \square \dfrac{5}{8}$	**1 c.** $\dfrac{4}{12} \square \dfrac{5}{12}$
2 a. $\dfrac{12}{12} \square \dfrac{5}{12}$	**2 b.** $\dfrac{5}{7} \square \dfrac{5}{11}$	**2 c.** $\dfrac{4}{11} \square \dfrac{10}{11}$
3 a. $\dfrac{5}{6} \square \dfrac{11}{11}$	**3 b.** $\dfrac{8}{9} \square \dfrac{8}{8}$	**3 c.** $\dfrac{1}{2} \square \dfrac{6}{10}$
4 a. $\dfrac{1}{2} \square \dfrac{3}{4}$	**4 b.** $\dfrac{10}{10} \square \dfrac{2}{11}$	**4 c.** $\dfrac{2}{6} \square \dfrac{3}{3}$
5 a. $\dfrac{6}{6} \square \dfrac{6}{12}$	**5 b.** $\dfrac{2}{11} \square \dfrac{7}{7}$	**5 c.** $\dfrac{11}{11} \square \dfrac{1}{5}$

Assignment 5: Adding/Subtracting Fractions with Common Denominators

Video: Adding and Subtracting Fractions with the Same Denominator (MathMastersOrg)

Find the sum of the following:

1 a. $\dfrac{9}{12} + \dfrac{10}{12} =$ **1 b.** $\dfrac{1}{13} + \dfrac{6}{13} =$

2 a. $\dfrac{1}{22} + \dfrac{4}{22} =$ **2 b.** $\dfrac{3}{12} + \dfrac{10}{12} =$

3 a. $\dfrac{5}{8} + \dfrac{1}{8} =$ **3 b.** $\dfrac{4}{9} + \dfrac{10}{9} =$

4 a. $\dfrac{5}{24} + \dfrac{3}{24} =$ **4 b.** $\dfrac{1}{14} + \dfrac{10}{14} =$

Find the difference of the following:

1 a. $\dfrac{7}{13} - \dfrac{3}{13} =$ **1 b.** $\dfrac{8}{6} - \dfrac{2}{6} =$

2 a. $\dfrac{1}{21} - \dfrac{1}{21} =$ **2 b.** $\dfrac{7}{21} - \dfrac{3}{21} =$

3 a. $\dfrac{6}{18} - \dfrac{4}{18} =$ **3 b.** $\dfrac{10}{15} - \dfrac{1}{15} =$

ANSWER KEY (ODDS ONLY)

Assignment 1	Assignment 4
1a 103	1a <
2a 155	1c <
3a 163	2a >
4a 116	2c <
5a 0	3a <
6a 26	3c <
7a 9	4a <
8a 73	4c <
	5a >
	5c >

Assignment 2

1st section

1a 90

1c 684

2a 468

2c 609

3a 248

3c 301

2nd section

1a 6642

1c 3692

2a 3552

2c 374

Assignment 5

1st section

1a 19/12 or 1 and 7/12

2a 5/22

3a 6/8 or 3/4

4a 8/24 or 1/3

2nd section

1a 4/13

2a 0

3a 4/18 or 2/9

Assignment 3

1st section

1a 4

1c 9

2a 9

2c 9

3a 7 r 3

3c 17 r 1

2nd section

1a 24

2a 184 r 2