



2019 Summer Math Review Plan

INTRODUCTION:

Welcome to Math at YWMLA! We are so very excited that you are coming to our school! This packet will help you get prepared for your journey through math. This packet should seem like an easy refresher of elementary math skills. Hopefully it is nothing new. However, if you find the packet difficult, please do your level best to master these skills PRIOR to the beginning of 6th grade. It will be instrumental in your success.

OBJECTIVE:

To make sure all students are prepared for a rigorous math environment in middle school

DUE DATES:

This packet is due for completion at the end of the first week of school. It is due for correctness AND you will be tested on this information during the second week of school. Due to the A day – B day schedule, the actual dates will be given by your teacher.

ADDITIONAL RESOURCES:

Sometimes a different tutor can help. Here are some great online resources to help you understand any concepts you are struggling with.

www.mathsisfun.com www.coolmath.com www.khanacademy.org www.softschools.com
www.purplemath.com www.algebra.com www.mathscore.com www.ixl.com
www.mathsteacher.com www.icoachmath.com www.onlinemathlearning.com
www.math.tutorvista.com

PRIOR KNOWLEDGE FOR THIS COURSE NOT COVERED IN THIS PACKET:

Students will be expected to have this knowledge prior to entering 6th grade.

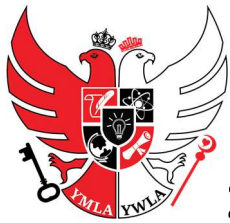
- Mastery of long division, showing all arithmetic, without use of a remainder
- Mastery of multiplication and long division involving numbers greater than 100
- Mastery of place value and rounding
- Memorized multiplication tables 1-12 without needing to count
- Mastery of adding, subtracting, multiplying and dividing decimals by whole numbers
- Mastery of adding and subtracting fractions with like denominators and mixed numbers
- Knowledge of common mathematical signs (A dot is used instead of an x to signify multiplication.)
- Mastery of the order of operations

PRIOR KNOWLEDGE FOR THIS COURSE COVERED IN THIS PACKET:

- Decimals- Correctly add, subtract, multiply and divide decimals with decimals.
- Fractions – Correctly add and subtract fractions with unlike denominators, correctly multiply and divide fractions.

EXPECTATIONS:

- Students are not to use a calculator for any portion of this packet.
- Students will show all work and arithmetic on separate paper, numbered by question. These work pages will be attached to the back of this packet.
- All answers will be neatly and clearly written in the answer spaces provided.



2019 Summer Math Review Plan

Add decimals through hundredths.

Form B

1 $0.5 + 0.8 =$ _____

2 $0.22 + 0.77 =$ _____

3 $46.12 + 0.31 =$ _____

4 $0.09 + 0.9 =$ _____

5 $500.05 + 300.3 =$ _____

6 $6.2 + 1.8 =$ _____

7 $9.6 + 9.31 =$ _____

8 $2.36 + 3.32 =$ _____

9 $70.02 + 70.28 =$ _____

10
$$\begin{array}{r} 64.23 \\ + 4.86 \\ \hline \end{array}$$

11
$$\begin{array}{r} 2.92 \\ + 0.08 \\ \hline \end{array}$$

12
$$\begin{array}{r} 209.71 \\ + 389.02 \\ \hline \end{array}$$

13
$$\begin{array}{r} 44.33 \\ + 33.44 \\ \hline \end{array}$$

14
$$\begin{array}{r} 250.5 \\ + 550.2 \\ \hline \end{array}$$

15
$$\begin{array}{r} 0.7 \\ + 0.7 \\ \hline \end{array}$$

16
$$\begin{array}{r} 0.75 \\ + 0.65 \\ \hline \end{array}$$

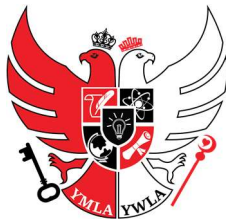
17
$$\begin{array}{r} 8.13 \\ + 4.17 \\ \hline \end{array}$$

18
$$\begin{array}{r} 5.42 \\ + 4.5 \\ \hline \end{array}$$

19
$$\begin{array}{r} 329.99 \\ + 22.22 \\ \hline \end{array}$$

20
$$\begin{array}{r} 2.52 \\ + 1.92 \\ \hline \end{array}$$

21
$$\begin{array}{r} 25.2 \\ + 19.2 \\ \hline \end{array}$$



2019 Summer Math Review Plan

Subtract decimals through hundredths.

Form A

1 $25.25 - 0.11 =$ _____

2 $0.4 - 0.04 =$ _____

3 $200.4 - 100.04 =$ _____

4 $0.7 - 0.5 =$ _____

5 $70.18 - 10.09 =$ _____

6 $9.5 - 9.05 =$ _____

7 $3.42 - 1.32 =$ _____

8 $0.88 - 0.33 =$ _____

9 $1.25 - 0.75 =$ _____

10
$$\begin{array}{r} 1.42 \\ - 0.43 \\ \hline \end{array}$$

11
$$\begin{array}{r} 1.6 \\ - 0.8 \\ \hline \end{array}$$

12
$$\begin{array}{r} 352.52 \\ - 108.08 \\ \hline \end{array}$$

13
$$\begin{array}{r} 4.36 \\ - 3.6 \\ \hline \end{array}$$

14
$$\begin{array}{r} 725.7 \\ - 175.2 \\ \hline \end{array}$$

15
$$\begin{array}{r} 9.36 \\ - 5.36 \\ \hline \end{array}$$

16
$$\begin{array}{r} 99.88 \\ - 88.77 \\ \hline \end{array}$$

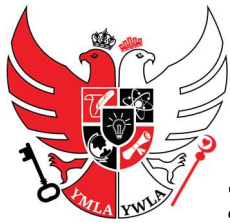
17
$$\begin{array}{r} 99.88 \\ - 88.99 \\ \hline \end{array}$$

18
$$\begin{array}{r} 59.1 \\ - 25.8 \\ \hline \end{array}$$

19
$$\begin{array}{r} 5.91 \\ - 2.58 \\ \hline \end{array}$$

20
$$\begin{array}{r} 802.11 \\ - 22.22 \\ \hline \end{array}$$

21
$$\begin{array}{r} 65.62 \\ - 2.81 \\ \hline \end{array}$$



2019 Summer Math Review Plan

Subtract fractions or mixed numbers.

Form B

1 $4\frac{11}{12} - \frac{5}{6} =$ _____

2 $\frac{5}{6} - \frac{3}{4} =$ _____

3 $5\frac{1}{8} - 4 =$ _____

4 $5\frac{1}{5} - 2\frac{7}{10} =$ _____

5 $3\frac{2}{3} - \frac{1}{2} =$ _____

6 $2\frac{5}{12} - 2\frac{1}{4} =$ _____

7 $2 - \frac{3}{5} =$ _____

8 $\frac{3}{4} - \frac{2}{3} =$ _____

9 $4 - 2\frac{5}{12} =$ _____

10 $4\frac{1}{6} - 2\frac{5}{8} =$ _____

11
$$\begin{array}{r} 4 \\ - 2\frac{5}{12} \\ \hline \end{array}$$

12
$$\begin{array}{r} 2\frac{3}{4} \\ - \frac{1}{12} \\ \hline \end{array}$$

13
$$\begin{array}{r} 8\frac{3}{10} \\ - 3\frac{1}{4} \\ \hline \end{array}$$



2019 Summer Math Review Plan

Multiply fractions and whole numbers.

Form A

1 $2 \times \frac{3}{8} =$ _____

2 $4 \times \frac{2}{3} =$ _____

3 $\frac{1}{2} \times 5 =$ _____

4 $\frac{2}{5} \times 6 =$ _____

5 $7 \times \frac{3}{10} =$ _____

6 $3 \times \frac{1}{5} =$ _____

7 $3 \times \frac{5}{8} =$ _____

8 $\frac{3}{4} \times 2 =$ _____

9 $\frac{2}{3} \times 2 =$ _____

10 $6 \times \frac{3}{5} =$ _____

11 $\frac{1}{6} \times 3 =$ _____

12 $4 \times \frac{4}{5} =$ _____

13 $\frac{7}{8} \times 5 =$ _____

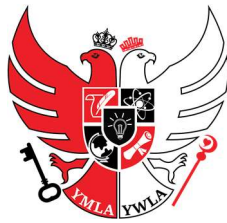
14 $9 \times \frac{1}{3} =$ _____

15 $\frac{1}{20} \times 10 =$ _____

16 $8 \times \frac{1}{8} =$ _____

17 $\frac{5}{12} \times 4 =$ _____

18 $12 \times \frac{3}{4} =$ _____



2019 Summer Math Review Plan

Multiply fractions by fractions.

Form A

1 $\frac{3}{4} \times \frac{1}{4} =$ _____

2 $\frac{1}{5} \times \frac{1}{2} =$ _____

3 $\frac{2}{3} \times \frac{2}{5} =$ _____

4 $\frac{5}{12} \times \frac{1}{2} =$ _____

5 $\frac{3}{4} \times \frac{3}{8} =$ _____

6 $\frac{4}{5} \times \frac{5}{6} =$ _____

7 $\frac{7}{10} \times \frac{7}{10} =$ _____

8 $\frac{2}{3} \times \frac{2}{3} =$ _____

9 $\frac{9}{10} \times \frac{1}{2} =$ _____

10 $\frac{1}{3} \times \frac{1}{6} =$ _____

11 $\frac{5}{8} \times \frac{8}{5} =$ _____

12 $\frac{3}{10} \times \frac{3}{5} =$ _____

13 $\frac{3}{8} \times \frac{5}{8} =$ _____

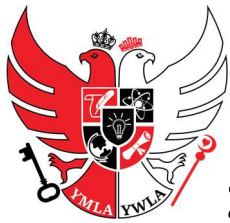
14 $\frac{2}{5} \times \frac{4}{3} =$ _____

15 $\frac{1}{4} \times \frac{4}{1} =$ _____

16 $\frac{9}{10} \times \frac{3}{4} =$ _____

17 $\frac{1}{3} \times \frac{7}{10} =$ _____

18 $\frac{7}{8} \times \frac{2}{3} =$ _____



2019 Summer Math Review Plan

Divide a fraction by a whole number and divide a whole number by a fraction.

Form B

1 $5 \div \frac{1}{3} =$ _____

2 $3 \div \frac{1}{5} =$ _____

3 $2 \div \frac{1}{2} =$ _____

4 $\frac{1}{2} \div 2 =$ _____

5 $\frac{1}{4} \div 2 =$ _____

6 $\frac{1}{2} \div 4 =$ _____

7 $2 \div \frac{1}{5} =$ _____

8 $5 \div \frac{1}{2} =$ _____

9 $4 \div \frac{1}{6} =$ _____

10 $\frac{1}{5} \div 5 =$ _____

11 $\frac{1}{6} \div 4 =$ _____

12 $\frac{1}{4} \div 6 =$ _____

13 $6 \div \frac{1}{3} =$ _____

14 $10 \div \frac{1}{2} =$ _____

15 $2 \div \frac{1}{10} =$ _____

16 $\frac{1}{2} \div 6 =$ _____

17 $\frac{1}{6} \div 2 =$ _____

18 $\frac{1}{8} \div 5 =$ _____