Name _____

Summer Math Packet 2018
Students Entering 7th Grade

Dear Rising 7th Grade Students and Families:

The 6th and 7th Grade math team has identified the following skills as the most critical for students as they start 7th grade. Students should work through this packet, as necessary, with the goal that that they are proficient in these skills in September. This will be assessed with a TAQ (Take Again Quiz) that will be given during the first half of September. Students will re-take the TAQ until they demonstrate mastery of these skills by getting no more than one problem incorrect.

This packet is not a mandatory assignment, and will not be graded. However, students who enter the 7th Grade without competency in these skills will most likely struggle to keep up with the curriculum. Putting in some time over the summer to reinforce these concepts and skills will be greatly beneficial for students as they begin 7th Grade.

Sincerely,

Joeanna McPherson and Dawn Galolo

Refresher Worksheet 1 Practice

Find the least common multiple of each set of numbers. Show work.

1. 14 and 40

2. 110 and 220

3. 120 and 8

4. 6, 9, and 5

Find the greatest common factor of each set of numbers. Show work.

5. 28 and 42

6. 72 and 16

7. 121 and 44

8. 48, 32, and 84

Refresher Worksheet 2 Practice

Solve. Write your answer as an improper fraction in simplified form.

5. $110 \div 12$ **6.** $252 \div 100$ **7.** $12 \div 5$ **8.** $82 \div 6$

9. $217 \div 9$ **10.** $56 \div 16$ **11.** $99 \div 66$ **12.** $120 \div 25$

13. $360 \div 84$ **14.** $300 \div 35$ **15.** $144 \div 64$ **16.** $500 \div 85$

Name _____

Refresher Worksheet 3 Practice

Find each sum or difference. Show work. Write your answer in simplified form. If your answer is a mixed number, write it as an improper fraction.

1. $\dfrac{7}{10} + \dfrac{1}{2}$

2. $3\dfrac{1}{8} + 2\dfrac{1}{4}$

3. $\dfrac{35}{11} + \dfrac{7}{22}$

4. $\dfrac{1}{3} + \dfrac{2}{5} + \dfrac{3}{7}$

5. $\dfrac{3}{5} - \dfrac{1}{3}$

6. $6\dfrac{3}{5} - 1\dfrac{1}{2}$

7. $\dfrac{22}{7} - \dfrac{5}{21}$

8. $\dfrac{11}{5} - 1\dfrac{1}{4}$

Name _____

Refresher Worksheet 4 Practice

Find each product or quotient. Show work. Write your answer in simplified form.
If your answer is a mixed number, write it as an improper fraction.

1. $\dfrac{1}{3} \cdot \dfrac{2}{5}$

2. $\dfrac{35}{2} \cdot \dfrac{1}{15}$

3. $1\dfrac{7}{8} \cdot 3$

4. $\dfrac{2}{3} \cdot \dfrac{1}{10} \cdot \dfrac{3}{4} \cdot \dfrac{5}{6}$

5. $\dfrac{1}{3} \div \dfrac{2}{5}$

6. $\dfrac{35}{6} \div \dfrac{9}{10}$

7. $10\dfrac{2}{3} \div 1\dfrac{1}{2}$

8. $\dfrac{11}{2} \cdot \dfrac{1}{2} \div \dfrac{4}{3}$

Name _____

Refresher Worksheet 5 Practice

Use the coordinate grid to do the following:
1. Label the x-axis
2. Label the y-axis
3. Number the x-axis counting by one
4. Number the y-axis skip counting by two
5. Plot the following points:

      A. (2, 10)   D. (-2, -5)
      B. (5, -7)   E. (0, 9)
      C. (-3, 9)   F. (-3, 0)