Name _____

Summer Math Packet 2017
Students Entering 7th Grade

Dear Rising 7th Grade Students and Families:

Congratulations on a phenomenal year in 6th grade math! We are proud of each student and celebrate the great math thinking and math growth we experienced this year!

The 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 they are proficient in these skills in September. This will be assessed with a T.A.Q. (Try Again Quiz) that will be given during the first half of September. Students will re-take the T.A.Q. until they demonstrate mastery of these skills by getting no more than one problem incorrect.

This packet is due on the first day of school, Thursday, September 7, 2017.

The packet is a graded assignment. If you feel that your child is very proficient with these skills, sign the bottom of this page to excuse your child from this assignment. Please plan to do 30 minutes of math per week with your child this summer.

Thank you for your partnership around your child's math education at Pierce! Have a great summer!

Sincerely,

Joeanna McPherson and Dawn Galolo

I verify that my child is very proficient with the skills covered in this math packet. My child is prepared for 7th grade math.

_____

Signature Date

Name _____

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

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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.** $82 \div 6$

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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.** $500 \div 85$

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

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

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

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

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

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

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

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

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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. $\frac{1}{3} \bullet \frac{2}{5}$

2. $\frac{35}{2} \bullet \frac{1}{15}$

3. $1\frac{7}{8} \bullet 3$

4. $\frac{2}{3} \bullet \frac{1}{10} \bullet \frac{3}{4} \bullet \frac{5}{6}$

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

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

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

8. $\frac{11}{2} \bullet \frac{1}{2} \div \frac{4}{3}$

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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 skip counting by one
4. Number the y-axis skip counting by two
5. Plot the following points:

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