Summer Math 2018 Students Entering 6th Grade

Dear Rising 6th Grade Students and Families,

Congratulations on a phenomenal year in 5th grade math! We are proud of each student and celebrate the great math thinking and growth we experienced this year.

The 6th Grade Math Team has identified the following skills as the most critical for students as they start 6th grade. Students should work through this packet with the goal that they are somewhat proficient in these skills in September. I would recommend using Khan Academy as a resource for clearing up misconceptions or additional practice. This assignment will be your first graded Math asssignment!

This packet is due on the Monday, September 10, 2018

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

Sincerely,

Joeanna McPherson

Refresher Worksheet 1 Multiplication of Whole Numbers

1. $12 \ge 95 =$ **6.** $980 \ge 79 =$ **6.**

2. $48 \ge 61 =$ **7.** $500 \ge 64 =$ **7.**

3. 157 x 92 = _____ **8.** 510 x 94 = ____

519 x 71 = _____ **10.** 2,469 x 22 = _____ 5.

Refresher Worksheet 2 Division of Whole Numbers

1. $1,575 \div 63 =$ _____ **6.** $2,952 \div 72 =$ _____

2. $832 \div 52 =$ _____ **7.** $7,200 \div 9 =$ _____

3. 658 ÷ 14 = _____

8. 1,104 ÷ 23 = _____

4. 798 ÷ 19 = _____

5. $3,528 \div 49 =$ _____ **10.** $78,182 \div 97 =$ _____

Refresher Worksheet 3 Understanding Decimals

Complete the chart. Fill in the whole number tenths, hundredths and thousandths columns with the correct number. Use zeros as placeholders where necessary.

Number	Whole Number	Tenths	Hundredths	Thousandths
3.751				
4.891				
1.608				
10.540				
9.618				
2.198				
0.208				
0.005				
1.7				
2.398				
6.0				

Refresher Worksheet 4 Adding & Subtracting Decimals

1. 32.5 + 82.4 = _____ **4.** 71.8 - 20.2 = ____

2. 144.97 + 837.66 = _____ **5.** 248.23 - 80.89 = _____

3. 206.619 + 93.11 = _____

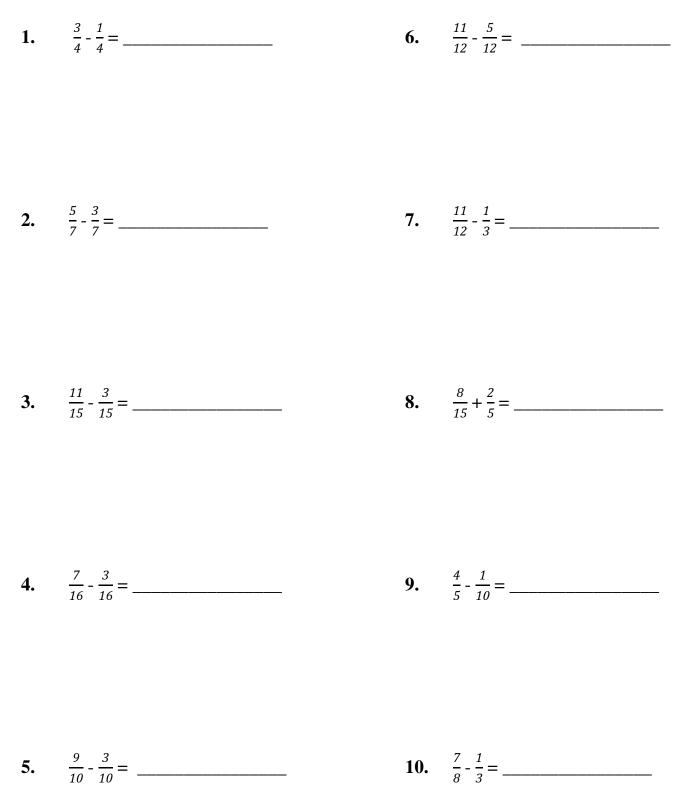
6. 419.6 – 146.48 = _____

Refresher Worksheet 5 Adding Fractions

1.
$$\frac{4}{7} + \frac{2}{7} =$$

2. $\frac{5}{9} + \frac{4}{9} =$
3. $\frac{11}{15} + \frac{2}{15} =$
4. $\frac{11}{15} + \frac{7}{15} =$
5. $\frac{6}{7} + \frac{6}{7} =$
6. $\frac{11}{12} + \frac{5}{12} =$
7. $\frac{1}{9} + \frac{1}{9} =$
8. $\frac{1}{3} + \frac{1}{6} =$
9. $\frac{3}{5} + \frac{2}{7} =$
10. $\frac{2}{3} + \frac{3}{4} + \frac{1}{6} =$

Refresher Worksheet 6 Subtracting Fractions



What's My Number Riddles

Use the clues to find each number.

1.

- If divided by 10, the remainder is 2
- If divided by 4, the remainder is 0
- It is less than 50
- The sum of the digits is 5

What's My Number?

- 2.
- If divided by 3, the remainder is 1
- If divided by 100, the remainder is 0
- It has three digits
- It has less than 400

What's My Number?

3.

- If divided by 25, the remainder is 0
- If divided by 8, the remainder is 5
- It is more than 500
- It is less than 600

What's My Number?

4.

- If divided by 3, the remainder is 0
- If divided by 53, the remainder is 0
- It is more than 300
- It is less than 500

What's My Number?