#### Name:

# Summer Math 2017 Students Entering 6<sup>th</sup> Grade

Dear Rising 6th Grade Students and Families,

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

The 6<sup>th</sup> Grade Math Team has identified the following skills as the most critical for students as they start 6<sup>th</sup> 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 is graded.

## This packet is due on the Monday, September 11, 2017

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

Sincerely,

Joeanna McPherson 6<sup>th</sup> Grade Math Teacher Alison Hansel Math Specialist

#### Refresher Worksheet 1 Multiplication of Whole Numbers

1.	12 x 95 =	6.	980 x 79 =
2.	48 x 61 =	7.	500 x 64 =
3.	157 x 92 =	8.	510 x 94 =
4.	426 x 42 =	9.	1,054 x 42 =
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**5.** 519 x 71 = \_\_\_\_\_

**10.** 2,469 x 22 = \_\_\_\_\_

### **Refresher Worksheet 2 Division of Whole Numbers**

1.	1,575 ÷ 63 =	6.	2,952 ÷ 72 =
2.	832 ÷ 52 =	7.	7,200 ÷ 9 =
3.	658 ÷ 14 =	8.	1,104 ÷ 23 =
4.	798 ÷ 19 =	9.	3,220 ÷ 16 =

**5.** 3,528 ÷ 49 = \_\_\_\_\_

**10.** 78,182 ÷ 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
2 751				
3.751				
4 891				
1.071				
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 = \_\_\_\_\_

**2.** 144.97 + 837.66 = \_\_\_\_\_

**3.** 206.619 + 93.11 = \_\_\_\_\_

**4.** 71.8 – 20.2 = \_\_\_\_\_

**5.** 248.23 - 80.89 = \_\_\_\_\_

**6.** 419.6 – 146.48 = \_\_\_\_\_

**Refresher Worksheet 5 Adding Fractions** 

1.
$$\frac{4}{7} + \frac{2}{7} =$$
6.
 $\frac{11}{12} + \frac{5}{12} =$ 

2.
 $\frac{5}{9} + \frac{4}{9} =$ 
7.
 $\frac{1}{8} + \frac{1}{9} =$ 

3.
 $\frac{11}{15} + \frac{2}{15} =$ 
8.
 $\frac{1}{3} + \frac{1}{6} =$ 

4.
 $\frac{11}{15} + \frac{7}{15} =$ 
9.
 $\frac{3}{5} + \frac{2}{7} =$ 

5.
 $\frac{6}{7} + \frac{6}{7} =$ 
10.
 $\frac{2}{3} + \frac{3}{4} + \frac{1}{6} =$ 

**Refresher Worksheet 6 Subtracting Fractions** 

1. 
$$\frac{3}{4} - \frac{1}{4} =$$
6.  $\frac{11}{12} - \frac{5}{12} =$ 

2.  $\frac{5}{7} - \frac{3}{7} =$ 
7.  $\frac{11}{12} - \frac{1}{3} =$ 

3.  $\frac{11}{15} - \frac{3}{15} =$ 
8.  $\frac{8}{15} + \frac{2}{5} =$ 

4.  $\frac{7}{16} - \frac{3}{16} =$ 
9.  $\frac{4}{5} - \frac{1}{10} =$ 

5.  $\frac{9}{10} - \frac{3}{10} =$ 
10.  $\frac{7}{8} - \frac{1}{3} =$ 

## 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 reminder 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 reminder 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 reminder 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 reminder is 0
- It is more than 300
- It is less than 500

What's My Number?