

Name: \_\_\_\_\_

HR: \_\_\_\_\_

## **Summer Math 2018 Students Entering 6<sup>th</sup> Grade**

Dear Rising 6<sup>th</sup> 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 will be your first graded Math assignment!

**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.  $12 \times 95 =$  \_\_\_\_\_

6.  $980 \times 79 =$  \_\_\_\_\_

2.  $48 \times 61 =$  \_\_\_\_\_

7.  $500 \times 64 =$  \_\_\_\_\_

3.  $157 \times 92 =$  \_\_\_\_\_

8.  $510 \times 94 =$  \_\_\_\_\_

4.  $426 \times 42 =$  \_\_\_\_\_

9.  $1,054 \times 42 =$  \_\_\_\_\_

5.  $519 \times 71 =$  \_\_\_\_\_

10.  $2,469 \times 22 =$  \_\_\_\_\_

**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.  $658 \div 14 =$  \_\_\_\_\_

8.  $1,104 \div 23 =$  \_\_\_\_\_

4.  $798 \div 19 =$  \_\_\_\_\_

9.  $3,220 \div 16 =$  \_\_\_\_\_

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.

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

**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.  $\frac{4}{7} + \frac{2}{7} =$  \_\_\_\_\_

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 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? \_\_\_\_\_