

# Shelton Intermediate School

## Summer Review Packet

### for all students entering

# 7<sup>th</sup> Grade Mathematics

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

### Summer Work Directions:

- 1) All students are encouraged to complete all 10 IXL strands from the REQUIRED list and at least 5 IXL strands from the RECOMMENDED list. All IXL strands can be found under Grade 7.

The completed IXL log is due the second day of class. It will count as a grade in math class.

### **Incentives -**

Students have the opportunity to earn tickets to win a TI-84 Plus Graphing Calculator by completing more than 15 IXL strands from the packet. For each additional 20 minutes spent, you will receive one raffle ticket. The more you practice the greater your chances are of winning!

Required IXL List - Complete ALL 10 IXL strands from the required list. All IXL strands can be found under Grade 7.

<u>Skill</u>	<u>Date</u>	<u>SmartScore</u>	<u>Time Spent</u>
E.1 Add and subtract decimals			
E.3 Multiple decimals			
E.5 Divide decimals by whole numbers			
F.3 Write Fractions in lowest terms			
F.8 Convert between mixed numbers and improper fractions			
G.1 Add and subtract fractions			
G.3 Add and subtract mixed numbers			
G.9 Multiply Fractions			
G.12 Divide fractions			
L.2 Convert between percents, fractions and decimals			

**Recommended IXL List -** Complete **ANY 5 IXL strands** from the recommended list. All IXL strands can be found under **Grade 7**.

<b>Skill</b>	<b>Date</b>	<b>SmartScore</b>	<b>Time Spent</b>
J.1 Understanding ratios			
J.2 Identify equivalent ratios			
J.5 Unit rate			
J.6 Compare ratios: word problems			
L.5 Percents of a number: and money amounts			
L.8 Solve percent equations: word problems			
G.13 Divide mixed numbers			
G.16 Add, subtract, multiply or divide fractions and mixed numbers: word problems			
E.8 Add, subtract, multiple or divide decimals: word problems			
R.1 Write variable expressions: one operation			
R.3 Write variable expressions: word problems			
R.4 Evaluate linear expressions			
R.11 Multiply using the distributive property			
R.13 Write equivalent expressions using properties			
R.14 Add and subtract linear expressions			
S.5 Solve one-step equations			
I.2 Evaluate exponents			
T.4 Solve one step inequalities			
AA.1 Perimeter			
AA.2 Area of rectangles and parallelograms			
AA.3 Area of triangles and trapezoids			
AA.4 Area and perimeter: word problems			
AA.7 Volume of cubes and prisms			
CC.1 Calculate mean, median, more and range			
CC.2 Interpret charts and graphs to find mean, median, mode and range			
CC.3 Mean, median , mode and range: find the missing number			