

Shelton Intermediate School

Summer Review Packet

for all students entering 7th Grade Mathematics

Name: _____

The SIS Math department welcomes you to Mathematics 7 for the 2023-2024 school year. We hope that you enjoy a restful, safe summer and are able to spend much needed time with family and friends. We also hope that you set aside some time to practice your math skills so that you return to school well prepared for your next math course at Shelton Intermediate School.

*Good luck and remember the goal of summer work is to keep your math brain working. **THIS MUST BE COMPLETED BY AUGUST 23RD.***

Summer Work Directions:

1) Students must log onto IXL and spend a total of 400 minutes doing IXL this summer. This means students should spend about 20 minutes a day for 20 days and they will complete this assignment. Students do not need to work on consecutive days. IXL does calculate active time working. The completed IXL work will be checked on the second day of class. It will count as a grade in math class.

HOW DO I FIND SKILLS TO WORK ON?

1. Sign in to your child's account: <https://www.ixl.com/signin/sheltonps> or sign in to your child's ixl account through www.clever.com
2. Select "Learning." Click on "Skill Plans."
3. Under your pinned skill plan, select Math (Personal NWEA MAP Growth Study Plan)
4. Complete skills from a variety of domains.

FOR PARENTS - HOW DO I CHECK MY CHILD'S PROGRESS?

1. Sign in to your child's account and select the "Analytics" tab.
2. Select "Scores."
3. Review the list of skills practiced.
4. Encourage your child to keep learning!

FOR PARENTS - HOW DO I CHECK THE AMOUNT OF TIME MY CHILD HAS WORKED?

1. Sign in to your child's account and select the "Analytics" tab
2. Usage will show in a graph and with numbers on the screen.

I CAN'T REMEMBER MY PASSWORD. WHAT CAN I DO?

Students are able to retrieve their password using their email.

Incentives -

Students have the opportunity to earn tickets to win a TI-84 Plus Graphing Calculator by completing **more than 400 minutes**. For each additional 20 minutes spent, you will receive one raffle ticket. The more you practice the greater your chances are of winning!

Below are the RECOMMENDED skills for students entering 7th grade who are new to the district or do not have a personalized IXL Skill Plan. These skills are NOT required. They can be completed in addition to your personalized IXL codes, if you choose to. In the search bar in IXL, type the three character codes to find the skill.

Recommended IXL List -

<u>Skill</u>	<u>Skill</u>
BP2 - Add and subtract decimals	QWH - Solve one step inequalities
TCU - Multiple decimals	7GQ - Perimeter
TUU - Divide decimals by whole numbers: word problems	62H Area of rectangles and parallelograms
TZ6 - Write Fractions in lowest terms	ENE - Area of triangles and trapezoids
LGK - Convert between mixed numbers and improper fractions	JFR - Area and perimeter: word problems
NGL - Add and subtract fractions	URT - Volume of cubes and prisms
9BE - Add and subtract mixed numbers	U2A - Calculate mean, median, mode and range
PDK - Multiply Fractions	CYK - Interpret charts and graphs to find mean, median, mode and range
X7A - Divide fractions	KR7 - Add, subtract, multiply or divide fractions and mixed numbers: word problems
2HW - Convert between percents, fractions and decimals	TGN - Add, subtract, multiply or divide decimals: word problems
ZTC - Understanding ratios	59K - Write variable expressions: one operation
ZFM - Identify equivalent ratios	XMD - Write variable expressions: word problems
2NB - Unit rate	UG6 - Evaluate linear expressions
VVS - Compare rates: word problems	NUY - Multiply using the distributive property
93K - Percents of a number: and money amounts	6XR - Write equivalent expressions using properties
JS6 - Solve percent equations: word problems	6BT - Add and subtract linear expressions
UPF - Divide mixed numbers	WKM - Solve one-step equations