



**Jeddah Knowledge International School**  
**IXL Grade 6 going to 7 Summer Study Breakdown**  
**(2020-2021)**

**Part 1:**

**Note: Please be informed that the students will be given a diagnostic test during the first 2 weeks of the new academic year. The test will be based on the concepts below:**

- Add, subtract, multiply, or divide whole and decimal numbers
- Add, subtract, multiply, or divide fractions
- Add, subtract, multiply, or divide integers
- Convert between percentages, fractions, and decimals
- Angles (name angles, angles at a point, supplementary angles)

**Students need to review from their exercise books, revision packs and IXL summer homework to prepare for their diagnostic test.**

**IXL Skill**

**O. Mixed operations**

- Add, subtract, multiply, or divide two whole numbers
- Add, subtract, multiply, or divide two integers
- Add, subtract, multiply, or divide two fractions

**Part 2:**

**Note: Please be informed that the students will be given a diagnostic test during the first 2 weeks of the new academic year. The test will be based on the concepts below:**

- Add, subtract, multiply, or divide whole and decimal numbers
- Add, subtract, multiply, or divide fractions
- Add, subtract, multiply, or divide integers
- Convert between percentages, fractions, and decimals
- Angles (name angles, angles at a point, supplementary angles)

**Students need to review from their exercise books, revision packs and IXL summer homework to prepare for their diagnostic test.**

**IXL Skill**

**O. Mixed operations**

- Add, subtract, multiply, or divide two decimals: word problems

**CC. Two-dimensional figures**

- Lines, line segments, and rays

**S. Percents**

- Compare percents to each other and to fractions

**Part 3:**

**Note: Please be informed that the students will be given a diagnostic test during the first 2 weeks of the new academic year. The test will be based on the concepts below:**

- Add, subtract, multiply, or divide whole and decimal numbers
- Add, subtract, multiply, or divide fractions
- Add, subtract, multiply, or divide integers
- Convert between percentages, fractions, and decimals
- Angles (name angles, angles at a point, supplementary angles)

**Students need to review from their exercise books, revision packs and IXL summer homework to prepare for their diagnostic test.**

**IXL Skill**

**F. Decimals**

- Put decimal numbers in order

**H. Multiply and divide decimals**

- Divide decimals by whole numbers

**CC. Two-dimensional figures**

- Find missing angles in quadrilaterals

Please note that The Math IXL HW should be completed before the 1<sup>st</sup> of August as this will be the cutoff date for the calculation of scores.