



**Jeddah Knowledge International School**  
**IXL Grade 7 going to 8 Summer Study Breakdown**  
**(2020-2021)**

Please note that The Math IXL HW should be completed BEFORE the 2<sup>nd</sup> of August as this will be the cutoff date for the calculation of scores.

### 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 integers
- Operations with fractions
- Percentages
- Simplifying and Evaluating algebraic expressions
- Solving equations
- Angles

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

#### IXL Skill

C.3 Add integers

G.14 Divide fractions and mixed numbers: Word problems

L.3 Compare percents to fractions and decimals

### 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 integers
- Operations with fractions
- Percentages
- Simplifying and Evaluating algebraic expressions
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<b>IXL Skill</b>	
C.13 Multiply integers	
J.4 Equivalent ratios: word problems	
W.17 Find measures of complementary, supplementary, vertical, and adjacent angles	
<b>Part 3:</b>	
<b>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:</b>	
<ul style="list-style-type: none"><li>- Add, subtract, multiply, or divide integers</li><li>- Operations with fractions</li><li>- Percentages</li><li>- Simplifying and Evaluating algebraic expressions</li><li>- Solving equations</li><li>- Angles</li></ul>	
<b>Students need to review from their exercise books, revision packs and IXL summer homework to prepare for their diagnostic test.</b>	
<b>IXL Skill</b>	
R.8 Identify terms and coefficients	
C.20 Evaluate numerical expressions involving integers	
S.6 Solve two-step equations	