



Jeddah Knowledge International School
IXL Grade 7 going to 8 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 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. Operations with integers

- Add integers

G. Operations with fractions

- Divide fractions and mixed numbers: Word problems

L. Percents

- 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
- 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. Operations with integers

- Multiply integers

J. Ratios, rates, and proportions

- Equivalent ratios: word problems

W. Two-dimensional figures

- Find measures of complementary, supplementary, vertical, and adjacent angles

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 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

R. Expressions and Properties

- Identify terms and coefficients

C. Operations with integers

- Evaluate numerical expressions involving integers

S. One-variable equations

- Solve two-step equations

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