



IXL Skill Alignment

7th alignment for GO Math! 2014 Common Core Edition

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Module 1

Adding and Subtracting Integers

Textbook section	IXL skills
1.1: Adding Integers with Same Sign	
1.2: Adding Integers with Different Signs	
1.3: Subtracting Integers	C.1 Integer addition and subtraction rules >> C.2 Add and subtract integers using counters >> C.3 Add and subtract integers >>
1.4: Applying Addition and Subtraction of Integers	C.5 Add and subtract integers: word problems >> <i>See also:</i> C.4 Complete addition and subtraction equations with integers >>

Module 2

Multiplying and Dividing Integers

Textbook section	IXL skills
2.1: Multiplying Integers	
2.2: Dividing Integers	C.6 Integer multiplication and division rules >> C.7 Multiply and divide integers >> <i>See also:</i> C.8 Complete multiplication and division equations with integers >>
2.3: Applying Integer Operations	C.9 Evaluate numerical expressions involving integers >>

Module 3

Rational Numbers

Textbook section	IXL skills
3.1: Rational Numbers and Decimals	
3.2: Adding Rational Numbers	
3.3: Subtracting Rational Numbers	H.6 Add and subtract rational numbers >> <i>See also:</i> E.1 Add and subtract decimals >> G.1 Add and subtract fractions >> G.3 Add and subtract mixed numbers >>
3.4: Multiplying Rational Numbers	
3.5: Dividing Rational Numbers	H.8 Multiply and divide rational numbers >>
3.6: Applying Rational Number Operations	H.6 Add and subtract rational numbers >> H.8 Multiply and divide rational numbers >>

Module 4

Ratios and Proportionality

Textbook section	IXL skills	
4.1: Unit Rates	J.5	Unit rates >>
4.2: Constant Rates of Change		
4.3: Proportional Relationships and Graphs	J.14	Constant rate of change >>
	K.6	Identify proportional relationships >>
	<i>See also:</i>	
	K.2	Write equations for proportional relationships from tables >>
	K.3	Identify proportional relationships by graphing >>

Module 5

Proportions and Percents

Textbook section	IXL skills
5.1: Percent Increase and Decrease	L.9 Percent of change >>
	L.10 Percent of change: word problems >>
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5.2: Rewriting Percent Expressions	
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5.3: Applications of Percent	M.6 Percent of a number: tax, discount, and more >>
	M.7 Find the percent: tax, discount, and more >>
	M.9 Multi-step problems with percents >>
	M.10 Estimate tips >>
	M.11 Simple interest >>

Module 6

Expressions and Equations

Textbook section	IXL skills
6.1: Algebraic Expressions	R.1 Write variable expressions >>
	R.2 Write variable expressions: word problems >>
	R.10 Multiply using the distributive property >>
6.2: One-Step Equations with Rational Coefficients	S.5 Solve one-step equations >>
	S.7 Solve equations: word problems >>
6.3: Writing Two-Step Equations	
6.4: Solving Two-Step Equations	S.6 Solve two-step equations >>
	<i>See also:</i> S.3 Model and solve equations using algebra tiles >>

Module 7

Inequalities

Textbook section	IXL skills
7.1: Writing and Solving One-Step Inequalities	T.1 Solutions to inequalities >>
	T.2 Graph inequalities on number lines >>
	T.4 Solve one-step inequalities >>
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7.2: Writing Two-Step Inequalities	
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7.3: Solving Two-Step Inequalities	T.6 Solve two-step inequalities >>
	T.7 Graph solutions to two-step inequalities >>

Module 8

Modeling Geometric Figures

Textbook section	IXL skills	
8.1: Similar Shapes and Scale Drawings	J.7	Scale drawings: word problems >>
8.2: Geometric Drawings		
8.3: Cross Sections		
8.4: Angles Relationships	W.12	Identify complementary, supplementary, vertical, adjacent, and congruent angles >>
	W.13	Find measures of complementary, supplementary, vertical, and adjacent angles >>

Module 9

Circumference, Area, and Volume

Textbook section	IXL skills
9.1: Circumference	
9.2: Area of Circles	AA.5 Circles: calculate area, circumference, radius, and diameter >> AA.6 Circles: word problems >>
9.3: Area of Composite Figures	AA.12 Area of compound figures with triangles, semicircles, and quarter circles >>
9.4: Solving Surface Area Problems	AA.8 Surface area >>
9.5: Solving Volume Problems	AA.7 Volume >>

Module 10

Random Samples and Populations

Textbook section	IXL skills
10.1: Population and Samples	CC.6 Identify representative, random, and biased samples >>
10.2: Making Inferences from a Random Sample	
10.3: Generating Random Samples	

Module 11

Analyzing and Comparing Data

Textbook section	IXL skills
11.1: Comparing Data Displayed in Dot Plots	
11.2: Comparing Data Displayed in Box Plots	BB.15 Interpret box-and-whisker plots >>
11.3: Using Statistical Measures to Compare Populations	

Module 12

Experimental Probability

Textbook section	IXL skills
12.1: Probability	
12.2: Experimental Probability of Simple Events	DD.3 Experimental probability >>
12.3: Experimental Probability of Compound Events	DD.5 Compound events: find the number of outcomes >>
12.4: Making Predictions with Experimental Probability	

Module 13

Theoretical Probability and Simulations

Textbook section	IXL skills
13.1: Theoretical Probability of Simple Events	DD.1 Probability of simple events >>
13.2: Theoretical Probability of Compound Events	DD.5 Compound events: find the number of outcomes >>
13.3: Making Predictions with Theoretical Probability	DD.4 Make predictions >>
13.4: Using Technology to Conduct a Simulation	