

Required Summer Math IXL Practice

For Students Taking 7th Grade Math in the Upcoming Year



Practice the skills below. You should keep practicing the skill until your Smart Score shows an 80 or the Time Elapsed shows at least one hour. To find the skill, search using the Skill Code below or click on the Skill Name.

	SKILL CODE:	SKILL NAME:	CHECK WHEN COMPLETED:
1	NEA	Write an equivalent ratio	
2	JXM	Solve one-step addition and subtraction equations with whole numbers	
3	FMS	Compare and order rational numbers using number lines	
4	N2B	Dividing Fractions and Mixed Numbers	
5	9CW	Absolute value and integers: word problems	
6	BFR	Division with decimal quotients	
7	35Q	Solve one-step addition and subtraction equations: word problems	
8	8N4	Percents of numbers and money amounts	
9	TY5	Write multiplication expressions using exponents	
10	ZB9	Ratios and rates: word problems	

Required Summer Math Review for All 7th-12th grade Students

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Completion of all skills will result in a grade of 100 being entered as an assignment grade in the gradebook plus 10 bonus points on the first test of the year. A zero will be entered for an assignment grade if all skills are not completed.

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Required Summer Math IXL Practice



For Students Taking 8th Grade Math in the Upcoming Year

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	SKILL CODE:	SKILL NAME:	CHECK WHEN COMPLETED:
1	8XE	Convert between decimals and fractions or mixed numbers	
2	YRR	Identify proportional relationships from tables	
3	NUY	Multiply using the distributive property	
4	SD2	Add and subtract positive and negative fractions	
5	K94	Complete multiplication and division equations with integers	
6	B8A	Add, subtract, multiply, and divide integers	
7	XGQ	Solve two-step inequalities	
8	QEB	Solve two-step equations	
9	7YN	Evaluate numerical expressions involving integers	
10	2LU	Complete a table for a two-variable relationship	

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Required Summer Math IXL Practice

For Students Taking Algebra 1 in the Upcoming Year



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	SKILL CODE:	SKILL NAME:	CHECK WHEN COMPLETED:
1	Y6W	Evaluate numerical expressions involving integers	
2	MUK	Compare rational numbers	
3	5E3	Evaluate numerical expressions involving rational numbers	
4	UTY	Evaluate expressions using properties of exponents	
5	T8K	Identify terms and coefficients	
6	JXD	Solve two-step equations	
7	55K	Solve multi-step equations	
8	D7M	Find the slope of a graph	
9	ZAC	Find the slope from two points	
10	WHP	Write a linear equation from a slope and y-intercept	

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Required Summer Math IXL Practice

For Students Taking Geometry in the Upcoming Year



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	SKILL CODE:	SKILL NAME:	CHECK WHEN COMPLETED:
1	EVP	Solve linear equations: complete the solution	
2	TAH	Factor polynomials	
3	5GC	Graph solutions to advanced linear inequalities	
4	62A	Identify equivalent linear expressions	
5	LBX	Point-slope form: write an equation from a graph	
6	5SH	Write an equation for a parallel or perpendicular line	
7	ERF	Solve a quadratic equation using square roots	
8	TSS	Solve a system of equations by graphing	
9	MTM	Pythagorean theorem: find the missing leg or hypotenuse length	
10	ZFF	Simplify radical expressions	

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For Students Taking Algebra 2 in the Upcoming Year



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	SKILL CODE:	SKILL NAME:	CHECK WHEN COMPLETED:
1	JZL	Factor out a monomial	
2	S9P	Factor quadratics with leading coefficient 1	
3	7ED	Factor quadratics with other leading coefficients <i>(Click here for tutor video.)</i>	
4	C7T	Graph quadratic functions in vertex form	
5	JFG	Complete a table and graph a linear function	
6	RKA	Identify equivalent exponential expressions II	
7	HMX	Multiply radical expressions	
8	58A	Multiply polynomials	
9	76G	Solve systems of linear equations	
10	GPR	Solve a right triangle <i>(Students who have not taken Geometry, may skip this skill.)</i>	

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Required Summer Math IXL Practice

For Students Taking Advanced Math 1/1H in the Upcoming Year



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	SKILL CODE:	SKILL NAME:	CHECK WHEN COMPLETED:
1	QKF	Factor using a quadratic pattern	
2	YQH	Solve a quadratic equation using the quadratic formula	
3	QGZ	Simplify radical expressions with variables II	
4	QCE	Match quadratic functions and graphs	
5	U96	Simplify expressions involving rational exponents II	
6	8GN	Multiply polynomials	
7	2BG	Solve Linear Equations: Word Problems	
8	JVF	Add and subtract complex numbers	
9	RSN	Transformations of functions	
10	ZCH	Solve Polynomial Equations	

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	SKILL CODE:	SKILL NAME:	CHECK WHEN COMPLETED:
1	CLF	Add, subtract, multiply, and divide functions	
2	2G6	Solve radical equations	
3	KRZ	Find the maximum or minimum value of a quadratic function	
4	VQK	Match polynomials and graphs	
5	7TC	Simplify expressions involving rational exponents	
6	2Y8	Identify inverse functions	
7	TBH	Composition of functions	
8	ET7	Solve a right triangle	
9	DST	Find inverse functions and relations	
10	5YS	Divide polynomials using long division	

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