



# IXL Fall Power-up skill plan

## Math - 7th grade



Use IXL's interactive skill plan to get up-to-date skill alignments, assign skills to your students, and track progress.

[www.ixl.com/math/skill-plans/ixl-fall-power-up-7th-grade](https://www.ixl.com/math/skill-plans/ixl-fall-power-up-7th-grade)

# Week 1

Day	IXL skills
<b>Day 1</b>	1. Add, subtract, multiply, and divide decimals: word problems TGN
<b>Day 2</b>	1. Divide fractions X7A 2. Add, subtract, multiply, and divide fractions and mixed numbers: word problems KR7
<b>Day 3</b>	1. Evaluate exponents ZDS
<b>Day 4</b>	1. Graph integers on horizontal and vertical number lines EM8 2. Absolute value and opposite integers NSB
<b>Day 5</b>	1. Compare rational numbers JVR

## Week 2

Day	IXL skills
<b>Day 1</b>	<ol style="list-style-type: none"><li>1. Identify equivalent ratios ZFM</li><li>2. Use tape diagrams to solve ratio word problems YMD</li></ol>
<b>Day 2</b>	<ol style="list-style-type: none"><li>1. Unit rates 2NB</li></ol>
<b>Day 3</b>	<ol style="list-style-type: none"><li>1. Compare rates: word problems VVS</li><li>2. Solve percent problems using grid models YX6</li></ol>
<b>Day 4</b>	<ol style="list-style-type: none"><li>1. Percents of numbers and money amounts 93K</li></ol>
<b>Day 5</b>	<ol style="list-style-type: none"><li>1. Area of triangles and trapezoids ENE</li><li>2. Area of compound figures with triangles MRG</li></ol>

## Week 3

Day	IXL skills
Day 1	1. Write variable expressions: word problems XMD
Day 2	1. Evaluate multi-variable expressions T56 2. Write equivalent expressions using properties 6XR
Day 3	1. Which $x$ satisfies an equation? DJS
Day 4	1. Solutions to inequalities 8BA 2. Graph inequalities on number lines VLU
Day 5	1. Solve one-step equations with whole numbers WLR

## Week 4

Day	IXL skills
<b>Day 1</b>	<ol style="list-style-type: none"><li>1. Solve one-step equations: word problems BXY</li><li>2. Solve one-step inequalities KRH</li></ol>
<b>Day 2</b>	<ol style="list-style-type: none"><li>1. One-step inequalities: word problems 6HD</li></ol>
<b>Day 3</b>	<ol style="list-style-type: none"><li>1. Write a two-variable equation 2RE</li><li>2. Graph a two-variable equation TJA</li></ol>
<b>Day 4</b>	<ol style="list-style-type: none"><li>1. Write an equation from a graph using a table BCM</li></ol>
<b>Day 5</b>	<ol style="list-style-type: none"><li>1. Box plots SKN</li><li>2. Calculate mean, median, mode, and range U2A</li></ol>