| (FAQ) Frequently Asked Questions | Clever Link | Khan Academy Link |
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| - Why do we have homework over the summer? We all have been learning and teaching online for 3 months. The Summer Playlist gives your child the opportunity to continue their preparation for 7th grade math. Students please invest your free time into your own future. <br> - What is the goal? <br> - Dedicate 30-45 minutes everyday to Math for 6 weeks. <br> - What do I need to complete for Khan Academy? 109 activities in 30 days <br> - How do I log into clever? Use Clever or Khan Links --> Username: Student ID\# Password: \#weareteach |  | - KHANACADEMY |


| Week | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 |
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| Week 1: 06/22-06/26 | - Adding negative numbers example (video) <br> - Adding numbers with different signs <br> - Signs of sums (Exercise • 7 questions) <br> - Adding negative numbers (Exercise 7 questions) | - Missing numbers on the number line examples <br> - Missing numbers on the number line (Exercise - 4 questions) <br> - Adding negative numbers review (Practice, 3 questions) |  <br> subtracting negative numbers <br> (Video $\cdot 4$ minutes) <br> - Subtracting a negative $=$ adding a positive (Video • 1 minute) <br> - Understand subtraction as adding the opposite (Exercise 4 questions) <br> - Subtracting negative numbers (Exercise - 7 | Adding negative numbers on the number line (Video 5 minutes) <br> Adding negative numbers on the number line (Exercise 7 questions) <br> Number equations \& number lines <br> (Video - 2 minutes) <br> Number equations \& number lines <br> (Exercise • 4 questions) | Interpreting numeric <br> expressions example <br> (Video 2 minutes) <br> Interpret negative number <br> addition and subtraction <br> expressions <br> (Exercise $\cdot 4$ questions) <br> Negative numbers: addition and subtraction: (Quiz 1) |


|  |  |  | questions) <br> - Subtracting negative numbers( review) |  |  |
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| Week 2: 06/29-07/03 | Adding numbers with different signs (Video $\cdot 5$ minutes) <br> Adding \& subtracting negative numbers <br> (Exercise • 7 questions) <br> Addition \& subtraction: find the missing value (part 1 of 2 ) Video • 5 minutes <br> Addition \& subtraction: find the missing value (part 2 of 2 ) (Video 6 minutes) <br> Addition \& subtraction: find the missing value (Exercise $\cdot 4$ questions) | Adding fractions with different signs <br> (Video 6 minutes) <br> Adding \& subtracting <br> fractions <br> Video - 2 minutes <br> Adding \& subtracting negative fractions (Exercise $\cdot 7$ questions) <br> Interpreting negative number statements <br> (Video 4 minutes) <br> Interpreting negative number statements <br> (Exercise $\cdot 4$ questions) | Negative number word problem: temperatures (Video 4 minutes) <br> Negative number word problem: Alaska (Video 3 minutes) <br> Negative number addition and subtraction: word problems <br> (Exercise $\cdot 4$ questions) <br> Negative numbers: addition and subtraction: Quiz 2 | Absolute value as distance between numbers (Video $\cdot 5$ minutes) <br> Absolute value to find distance <br> (Exercise 7 questions) <br> Interpreting absolute value as distance <br> (Video 10 minutes) | Equivalent expressions with negative numbers (Video 6 minutes) <br> Equivalent expressions with negative numbers (Exercise • 4 questions) <br> Equivalent expressions with negative numbers and variables <br> (Exercise 4 questions) |
| Week 3: 07/06-07/10 | Substitution with negative numbers (Video $\cdot 7$ minutes) <br> Substitution with negative numbers (Exercise 7 questions) | Ordering expressions (Video . 6 minutes) <br> Ordering negative number expressions <br> (Exercise $\cdot 4$ questions) <br> One-step equations with negatives (add \& subtract) (Exercise $\cdot 7$ questions) | Negative numbers: addition and subtraction: <br> (Unit test • 18 questions) | Multiplying positive \& negative numbers (Video $\cdot 5$ minutes) <br> Signs of expressions (Exercise $\cdot 7$ questions) <br> Multiplying negative numbers <br> Dividing positive and negative numbers | Why a negative times a negative is a positive (Video $\cdot 5$ minutes) <br> Why a negative times a negative makes sense (Video 6 minutes) <br> One-step equations with negatives (multiply \& divide) |

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|  |  | Negative numbers: addition and subtraction: Quiz 3 |  | (Video $\cdot 4$ minutes) <br> Dividing negative numbers (Exercise 44 questions) | (Exercise $\cdot 7$ questions) |
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| Week 4: 07/13-07/17 | Multiplying negative numbers review Article <br> Dividing negative numbers review <br> Interpreting multiplication \& division of negative numbers (Video 4 minutes) <br> Multiplying \& dividing negative <br> numbers word problems <br> (Exercise $\cdot 4$ questions) | Negative numbers: multiplication and division: Quiz 1 <br> Negative signs in fractions (Video 5 minutes) <br> Negative signs in fractions (Exercise - 4 questions) <br> Negative signs in fractions (with variables) <br> (Exercise $\cdot 4$ questions) <br> Expressions with rational numbers | Multiplying positive and negative fractions (Video $\cdot 4$ minutes) <br> Multiplying positive and negative fractions (Exercise $\cdot 4$ questions) | Dividing negative fractions <br> (Video 4 minutes) <br> Dividing positive and negative fractions <br> (Exercise • 4 questions) <br> Dividing mixed numbers <br> (Video • 2 minutes) <br> Dividing mixed numbers with negatives <br> (Exercise • 4 questions) <br> Negative numbers: multiplication and division: Quiz 2 | Intro to order of operations (Video 9 minutes) <br> Worked example: Order of operations (PEMDAS) (Video 5 minutes) <br> Order of operations example (Video 4 minutes) <br> Order of operations with negative numbers (Exercise $\cdot 7$ questions) <br> Order of operations review |
| Week 5: 07/20-07/24 | Equivalent expressions with negative numbers (multiplication and division) (Video 8 minutes) <br> Equivalent expressions with negative numbers (multiplication and division) <br> (Exercise • 4 questions) <br> Negative numbers: multiplication and division: Quiz 3 | Negative numbers: <br> multiplication and division: <br> Unit test <br> (Unit test • 11 questions) | Rewriting decimals as fractions: (Video • 2 minutes) <br> Write decimals as fractions (Exercise 7 questions) <br> Rewriting decimals as fractions challenge (Exercise $\cdot 7$ questions) | Worked example: Converting a fraction $(7 / 8)$ to a decimal (Video • 2 minutes) <br> Fraction to decimal: 11/25 <br> (Video - 1 minute) <br> Fraction to decimal with rounding <br> Video 3 minutes | Comparing rational numbers (Video • 6 minutes) <br> Order rational numbers (Exercise 4 questions) <br> Adding \& subtracting rational numbers: (Video 4 minutes) <br> Adding \& subtracting rational numbers: (Video $\cdot 4$ minutes) |

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|  |  |  |  | Converting fractions to decimals | Adding \& subtracting rational numbers <br> (Exercise $\cdot 4$ questions) |
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| Week 6: 07/27-07/31 | Solving percent problems (Video $\cdot 6$ minutes) <br> Equivalent expressions with percent problems <br> (Exercise 4 questions) <br> Percent word problem: magic club <br> (Video $\cdot 7$ minutes) <br> Percent problems <br> (Exercise $\cdot 4$ questions) | Percent word problems: tax and discount (Video $\cdot 5$ minutes) <br> Tax and tip word problems (Exercise $\cdot 4$ questions) Percent word problem: guavas <br> Video $\cdot 6$ minutes <br> Discount, markup, and commission word problems | Rational number word problem: school report (Video $\cdot 3$ minutes) <br> Rational number word problem: cosmetics (Video $\cdot 2$ minutes) <br> Rational number word problem: cab (Video $\cdot 2$ minutes) <br> Rational number word problem: ice (Video $\cdot 3$ minutes) | Rational number word problem: computers (Video $\cdot 2$ minutes) <br> Rational number word problem: stock (Video $\cdot 4$ minutes) <br> Rational number word problem: checking account (Video 3 minutes) <br> Rational number word problems <br> (Exercise $\cdot 4$ questions) <br> Eractions, decimals, \& percentages: Quiz 2 | Fractions, decimals, \& percentages: Unit test (Unit test • 9 questions) |

