

## Math 7: Operations with Rational Numbers

### Unit 1 Khan Academy Playlist

#### **Directions:**

- 1) Log in to khanacademy.org
- 2) Type the exercise in the search bar at the top
- 3) Click on the skill that matches exactly
- 4) Work on the exercise until:
  - a. You've reached "Practiced"
  - b. You've worked for at least 15 minutes
- 5) Each time you log into Khan Academy, complete at least one Mastery Challenge – this allows you to reach higher levels above "Practiced"!

#### **Grading:**

- Each exercise is worth 2 points
  - To earn full credit, reach "Practiced" or work on it for at least 15 min.
- Extra credit: Reaching Level One / Level Two / Mastered
  - 0.25 point for each exercise, 4 points maximum

**Use the chart below to find the exercises and keep track of your progress.**

When to work on the exercise	Exercise	Full Credit	Extra Credit
		Practiced (or 15 min.)	Level One, Level Two, Mastered
Pre-Unit Practice	#1 Multi-digit division		
After 1.2	#2 Adding negative numbers		
After 1.3	#3 Subtracting negative numbers		
After 1.3	#4 Number equations & number lines		
After 1.3	#5 Signs of sums		
After 1.3	#6 Adding & subtracting negative numbers		
After 1.3	#7 Negative number addition and subtraction: word problems		

After 1.3	#8 Absolute value to find distance		
After 1.5	#9 Multiplying & dividing negative numbers		
After 1.5	#10 Order of operations with negative numbers		
After 1.5	#11 Dividing by zero		
After 2.1	#12 Converting fractions to decimals		
After 2.2	#13 Adding negative numbers on the number line		
After 2.3	#14 Adding & subtracting negative fractions		
After 2.4	#15 Multiplying positive and negative fractions		
After 2.4	#16 Dividing mixed numbers		
After 2.4	#17 Dividing positive and negative fractions		
After 2.4	#18 Simplifying hairy fractions		