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| Electrifying Expressions (Level 6)   * Focus will be on the exploration of positive and negative numbers (integers) * We will compare and order integers from least to greatest using number lines * We will simplify integer expressions using all four operations * We will solve real-world application problems using all four operations | | |
| Lesson Title | Objective | Video Lesson |
| **Lesson #1:**  We will introduce integers using a number line. We will learn how to plot and compare integers on a number line. | **I Can Statement:**  1. Understand that positive and negative numbers are used together to describe quantities having opposite direction or values.  2. Recognize opposite signs numbers as indicating locations on opposite sides of 0.  3. Understand a rational number as a point on a line. | **Click on the picture to access the Lesson #1 Part 1 video:**    **Click on the picture to access the Lesson #1 Part 2 video:**    **Resource Sheets :**  [Both lessons](https://drive.google.com/file/d/156tmgoq_0ObG47sRNF9yP39apNgd2GdX/view)  I[ntegers Model](https://drive.google.com/file/d/12L8rnwlI9dk86zUz9S-t3oU2bdpGGCRA/view)  [Practice page](https://drive.google.com/file/d/1_zO90Y-i_353VWPfCZfvXLR9-PYfb2RJ/view) 1  [Practice page](https://drive.google.com/file/d/1dkhxa9FnHFRXiEw13v3CWC-A99k-aZob/view) 2  [Blank Number Line](https://drive.google.com/file/d/1rdxpS1NC7p1Sf49QhLW9HTR4Y-myPrcF/view)s |
| **Lesson#2:**  We will learn how to make 0 pairs. This is an introduction to the addition and subtraction of integers. | **I Can Statement:**  1. Understand that positive and negative numbers are used together to describe quantities having opposite direction or values.  2. Recognize opposite signs numbers as indicating locations on opposite sides of 0.  3. Understand a rational number as a point on a line. | **Click on the picture to access the Lesson #2 video part 1**    **Click on the picture to access the Lesson #2 video part 2**    **Links Mentioned in Video:**  [Math Antics](https://drive.google.com/file/d/12afpHkLSb2_i2MkMRnnkvRH1DZYkbxVP/view?usp=sharing)    **Resources**  [**Lesson Notes**](https://drive.google.com/file/d/1zN4TzNX8L37agI57jalNYe4IM7raBFSD/view?usp=sharing)  [Practice](https://drive.google.com/file/d/1fiUdJN6208YxQfYO5w7g5kdUzvlGv9B2/view?usp=sharing) |
| **Lesson #3:**  We will learn how to add and subtract integers utilizing + and - charts. | **I Can Statement:**  1. Understand that positive and negative numbers are used together to describe quantities having opposite direction or values.  2. Apply the properties of operations to generate equivalent expressions | **Click on the picture to access the Lesson #3 video:**    **Links Mentioned in Video:**  Math Antics    **Resources**  [**Lesson Notes**](https://drive.google.com/file/d/11rRX-Zzl2yTgjMSCNhtNg2qOJeSBxpAQ/view?usp=sharing)  [Practice](https://drive.google.com/file/d/1g9RQfGLrGOswWkaBF0wDwvTnpme7u1nL/view?usp=sharing)  [Blank Number Line](https://drive.google.com/file/d/103AyCz-Zw22QYYymLfW9k53VuJMFIccy/view?usp=sharing) |
| **Lesson #4:**  We will practice adding and subtracting integers and solve real-world application problems. | **I Can Statement:**  1. Understand that positive and negative numbers are used together to describe quantities having opposite direction or values.  2. Apply the properties of operations to generate equivalent expressions. | **Click on the picture to access the Lesson #4 video:**    **Links Mentioned in Video:**  [Math Antics](https://drive.google.com/file/d/1rGkedRzSr9h44NtiUJaX3XrBj-ZHjmTQ/view)  **Resources**  [**Lesson Notes**](https://drive.google.com/file/d/1FocmsdSfNXnSWEj9zzGmLSlQm4OSe21V/view?usp=sharing)  [Practice](https://drive.google.com/file/d/1aAkjDxTea6umMeWAHIRHMP0uzhAyLeoH/view?usp=sharing)  [Vertical Number Lines](https://drive.google.com/file/d/1EX5X3WwaGQTn8KK_nrQrZWxenRJx2-AS/view?usp=sharing) |
| **Lesson # 5:**  We will learn how to add and subtract integers when they have double signs. | **I Can Statement:**  1. Understand that positive and negative numbers are used together to describe quantities having opposite direction or values.  2. Apply the properties of operations to generate equivalent expressions. | **Click on the picture to access the Lesson #5 video:**    **Links Mentioned in Video:**  [Math Antics](https://drive.google.com/file/d/1rGkedRzSr9h44NtiUJaX3XrBj-ZHjmTQ/view?usp=sharing)    **Resources**  [**Lesson Notes**](https://drive.google.com/file/d/1VcoYp5eYGXtnjslgweAkIP4pKM1BjOMH/view?usp=sharing)  [Practice](https://drive.google.com/file/d/1xMXnwKXvYhSyXyhQKrp9H2DaHcVtcWVj/view?usp=sharing) |
| **Lesson #6:**  We will practice adding and subtracting integers with double signs and introduce the rules of multiplying and dividing integers. | **I Can Statement:**  1. Understand that positive and negative numbers are used together to describe quantities having opposite direction or values.  2. Apply the properties of operations to generate equivalent expressions. | **Click on the picture to access the Lesson #6 video:**    **Links Mentioned in Video:**  [Math Antics](https://drive.google.com/file/d/1FiDgM9AtB25GZJxhQr-DjDEwAJQB1yls/view?usp=sharing)  **Resources**  [**Lesson Notes**](https://drive.google.com/file/d/1XeVrRhWCPd4oOwQ6KGOK40Q5twI0MaSV/view?usp=sharing)  [Practice](https://drive.google.com/file/d/1sXy6RpeXKGEKjZ5zV-odl9zVKfrUxRxp/view?usp=sharing)  [Practice](https://drive.google.com/file/d/1FNnubPl35s3znkzLQTHWH72kztRkbiQp/view?usp=sharing)  [Practice](https://drive.google.com/file/d/1VvHDXo9sPaOdMRr6W7boDH4SZPDh5WeP/view?usp=sharing) |
| **Lesson #7:**  We will practice multiplying and dividing integers and learn how to simplify expressions with all four operations. | **I Can Statement:**  1. Apply the properties of operations to generate equivalent expressions.  2. Understand a rational number as a point on a line. | **Click on the picture to access the Lesson #7 video:**    **Links Mentioned in Video:**  [Math Antics](https://drive.google.com/file/d/1FiDgM9AtB25GZJxhQr-DjDEwAJQB1yls/view)    **Resources**  [**Lesson Notes**](https://drive.google.com/file/d/1cbS4zXiaJ_zGkC8hsDgExSkn2qpj39-D/view?usp=sharing)  [Practice](https://drive.google.com/file/d/1-Qda9n-X4ThwaMwf-ndlp8WjjcDj6tc6/view?usp=sharing) |
| **Lesson #8:**  We will practice simplifying expressions with all four operations, discuss the importance of the order of operations, and solve real-world application problems. | **I Can Statement:**  1. Apply the properties of operations to generate equivalent expressions.  2. Understand a rational number as a point on a line. | **Click on the picture to access the Lesson #8 video:**    **Links Mentioned in Video:**  [Math Antics](https://drive.google.com/file/d/1Jp_uLQ8LUfypkmsv6fd6e-dpXtsCZ7MH/view?usp=sharing)    **Resources**  [**Lesson Notes**](https://drive.google.com/file/d/1gUaBzU96DP21AH0LWUkQaKhwBCumJR_o/view?usp=sharing)  [Practice](https://drive.google.com/file/d/18q7RxCk68VdTXAtUK40cihpxPJFF6enF/view?usp=sharing) 1  [Practice](https://drive.google.com/file/d/1tMDKCbpysS5b9_xUAZeL3gjxZKqEh2TE/view?usp=sharing) 2 |