Lesson Summary

* **The rule of subtraction**: Subtracting a number is the same as adding its opposite.
* Removing (subtracting) a positive card changes the score in the same way as adding a corresponding negative card.
* Removing (subtracting) a negative card makes the same change as adding the corresponding positive card.
* For all rational numbers, subtracting a number and adding it back gets you back to where you started: .

Homework: Unit 2 Lesson 5

1. On a number line, find the difference of each number and . Complete the table to support your answers. The first example is provided.

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| --- | --- | --- | --- |
| **Number** | **Subtraction Expression** | **Addition Expression** | **Answer** |
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1. You and your partner were playing the Integer Game in class. Here are the cards in both hands.

*Your hand Your partner’s hand*

* 1. Find the value of each hand. Who would win based on the current scores? (The score closest to wins.)
  2. Find the value of each hand if you discarded the and selected a , and your partner discarded the and selected a . Show your work to support your answer.
  3. Use your score values from part (b) to determine who would win the game now.