At one point in a game, the scores are as follows:





**-500**

**500**

**0**

1. Which team has the highest score? Which team has the lowest score? **Explain**.

**B.** How many points would the losing team need to score to catch up to the team that is ahead? (How many points are in-between the two teams?)

* Super Brains and Rocket Scientists \_\_\_\_\_\_\_\_\_\_\_
* Super Brains and Know-It-Alls\_\_\_\_\_\_\_\_\_\_\_
* Rocket Scientists and Know-It-Alls\_\_\_\_\_\_\_\_\_\_

**C.** The current scores are -300 for Super Brains, 150 for Rocket Scientists, and -500 for Know-It-Alls

1. Write **number sentences** to represent how the rest of their game went to determine their final score.

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1. Super Brains: **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**



1. Rocket Scientists: **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**



1. Know-It-Alls: **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**



1. If this was the end of the game, which team won? Which team lost? How do you know?

**D.** The number sentences below describe what happens at a particular point during a game of Math Fever. Find each missing number.

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**E.** Sam forgot to record a score. Sam wrote this number sentence:

 -350 + \_\_\_ = -450 What score goes in the box**?**

**F.** Find three different pairs of numbers that have a sum of -150.

 \_\_\_\_ + \_\_\_\_ = -150