



$$E = mc^2$$

# Word Problems


March 10th, 2021

# Word Problems

- . Word problems are usually “real life” scenarios that can be solved by calculations.
- These word problems contain a lot of words and information so it can sometimes be difficult to figure out what information you should use.



# Miss Connick's Word Problem Tips and Tricks

- Word problems tend to have lots of random information in them which can be difficult to decide what information is important.
  - Here are some of my tips and tricks for approaching word problems:
    - Have a handy dandy pen or highlighter on hand,
    - Read the question and pull out the words that are most important and what words are going to help you! Ex. Above, below, greater than, lesser than...
    - Underline the words and focus on those words when you work on the problem.
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# I Do

- One April morning in Churchill, Manitoba, the temperature was -14. In the late afternoon, the temperature was 9 degrees higher. What was the temperature in the late afternoon?



## You Do

One January day in Calgary, a chinook raised the temperature from  $-17$  to  $+13$ . What was the change in temperature?



## We Do

Mauna Kea is a mountain in Hawaii. The base of the mountain is 6033 m below the surface of the ocean. The mountain peak is 4170 m above the surface of the ocean. Estimate and calculate the height of the mountain.



# Think About The Words

When we see above in a word problem what sign will we use?  
Positive or negative?

Above:

When we see below in a word problem what sign will we use?

Below:



# Textbook Questions

- Apply: 6, 7, 8, 9, 10, 12, a), b) c), 13 a), 14,16, and 17





# Questions?

