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Temperature Change Model

Essential Question: Explain what happens if you put in 1 hot piece and 1 cold nugget.

Witch's Brew Story



+ 1



- 1

Turn to page 15.

Answer questions 1 - 4 in a **complete sentence**.

"When _____ is put into the pot, the liquid becomes _____ degree(s) _____."
warmer/colder

Pg 16.

Complete problems 5 - 9 in complete sentences.

"When _____ is taken out of the pot, the liquid becomes _____ degrees _____."
warmer/colder

Zero Pair

Additive Inverse Property: the sum of a number and its opposite is zero.

$$\begin{array}{l} + \\ - \end{array} = \underline{\hspace{2cm}}$$

$$\begin{array}{l} ++ \\ -- \end{array} = \underline{\hspace{2cm}}$$

Making Numbers Multiple Ways

$$+ = \underline{\hspace{2cm}}$$

$$+++++++ = \underline{\hspace{2cm}}$$

$$+ + = \underline{\hspace{2cm}}$$

$$++++ = \underline{\hspace{2cm}}$$

Look over page 17.

How would you make 3 four different ways?

Summary:

When 1 hot piece and 1 cold nugget is put into the pot, the liquid _____ because _____.