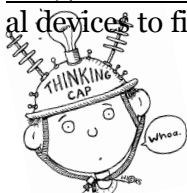




Subtracting Integers

TICKET IN: What strategies can you use to add positive and negative integers? What is your favorite strategy? Why?

Brain-warmers What are some real life examples of positive and negative integers? You may use personal devices to find link on my webpage



Objective: I can subtract integers by adding their opposites 7N§1

Understand subtraction... as adding the additive inverse

Problem #1 – Teacher model

4 - (-6) =

- **Keep** the first integer and sign
- **CHANGE** the operations of subtraction to addition
- **CHANGE** the second integer and sign

Check: Is this problem a subtracting integers?

Problem #2 – We do together

-2 - (-5) =

- **Keep** the first integer and sign
- **CHANGE** the operations of subtraction to addition
- **CHANGE** the second integer and sign

Check: Is this problem a subtracting integers?

Problem #3 – I do with a partner

4 - (-3) =

Check:

Partner's Name: _____

On a scale of 1-5, how well did my **partner** do?

Need Help! 1 2 3 4 5 Good job!

Explain which step(s) your buddy needs to revise or step(s) your buddy did exceptionally well.

Problem #4 – I do on my own

-9 - (-6) =

Check:

Subtracting Integers



Objective: I can subtract integers by adding their opposites 7N§1

Problem #1 – Teacher model

$$-20 - 17 =$$

- **Keep** the first integer and sign
- **CHANGE** the operations of subtraction to addition
- **CHANGE** the second integer and sign

Check: Is this problem subtracting integers?

Problem #2 – We do together

$$5 - 27 =$$

Check: Use Going to War Method after Keep-Change-Change

Problem #3 – I do with a partner

$$-17 - 22 =$$

Check:

Partner's Name: _____

On a scale of 1-5, how well did my **partner** do?

Need Help! **1** **2** **3** **4** **5** Good job!

Explain which step(s) your buddy needs to revise or step(s) your buddy did exceptionally well.

Problem #4 – I do on my own

$$5 - (-15) =$$

$$-10 - (-100) =$$

Check:

TICKET OUT:

Why would you want to use the Keep– Change– Change strategy? What is easier– subtracting integers or adding their opposites?