

{HOLIDAY EDITION FREEBIE!}

1

Solve the equation below:

$$x + 7 = -3$$

- A) $x = 4$
- B) $x = -4$
- C) $x = 10$
- D) $x = -10$
- E) $x = -21$

Mrs. Wilson
Ms. Rinn

5

Solve the equation below:

$$-7 = -6 + w$$

New Year's Eve
Thanksgiving
Christmas Day
Black Friday
Christmas Eve

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10

Solve the equation below:

$$-20 = \frac{a}{-4}$$

- A) $a = -16$ Mrs. Claus asked them to they are that awesome
- B) $a = 5$ they had nothing else to do
- C) $a = -5$ Frosty dared them to they felt super jolly
- D) $a = 80$
- E) $a = -80$

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ONE-STEP EQUATIONS

MATH LIB ACTIVITY

Created by: ALL THINGS ALGEBRA

One-Step Equations

“Math Lib” Activity!

Objective: To practice solving one-step equations.

Activity Directions: Print and post the ten stations around the room. Give each student the worksheet to record their work as they travel to the stations. Group students (I typically do groups of 3) and assign to a starting problem. Set the timer for 3-4 minutes (more if needed). Students write down and solve the equation at the station. They look for their answer and record the piece to the story. When the timer goes off, they move to the next station.

You will be able to edit the first slide to change the names to teachers in your own school. They enjoy seeing which one of their teachers is the “star” of the story!

The image shows a collage of materials for the "Math Lib" activity. It includes several station cards and a student worksheet. Station 1: "Solve the equation below: $x + 7 = -3$ ". Options: A) $x = 4$, B) $x = -4$. Names: Mrs. Wilson, Ms. Rinn. Station 5: "Solve the equation below: $7 = -6 + w$ ". Names: New Year's Eve, Thanksgiving, Christmas Day. Station 10: "Solve the equation below: $-20 = \frac{a}{-4}$ ". Options: A) $a = -16$, B) $a = 5$, C) $a = -5$, D) $a = 80$, E) $a = -80$. Story text: "Mrs. Claus asked the _____ they are that awesome _____ they had nothing else _____ Frosty dared them _____ they felt super jolly _____". The student worksheet is titled "WRITE YOUR MATH LIB BELOW!" and has numbered blanks for recording answers and story pieces.

10 Stations & Student Worksheet
(You can change the teacher names!)