

1

Jerome and Tara  
tournament with  
scores for the  
If their final scores  
four rounds, w

	Round 1	Round 2	Round 3	Round 4
Jerome	10	12	15	18
Tara	12	10	14	16

- A) Jerome's score was 2 less than Tara's score in the first round.
- B) Jerome's score was 2 more than Tara's score in the second round.
- C) Jerome's score was 1 more than Tara's score in the third round.
- D) Jerome's score was 1 less than Tara's score in the fourth round.

4

In football, a team's points are calculated as the difference between the number of points scored by the team and the number of points scored against the team. The table below gives the number of points scored by and against for five teams. Which team had the fewest points?

	Team A	Team B	Team C	Team D	Team E
Points Scored by the Team	384	345	312	298	276
Points Scored Against the Team	426	397	365	352	338

- A) Team A
- B) Team B
- C) Team C
- D) Team D
- E) Team E

7

An airplane is flying at an altitude of 8,920 feet, directly above a point on the ground. A skydiver jumps out of the plane and descends at a rate of 150 feet per second. How far from the point on the ground is the skydiver after 40 seconds?

- A) 85 feet
- B) 80 feet
- C) 70 feet
- D) 210 feet
- E) 230 feet

10



Due to overhead costs, a company recorded a loss of \$3,500 in profits for the year 2019. In 2020, they recorded a profit of \$130 each month. Find the total profit for 2019 and 2020 combined.

- A) -\$5,060 to get on the news
- B) \$5,060 to win a radio contest
- C) -\$1,940 to go viral
- D) -\$1,870 to skip school
- E) -\$2,120 to inspire others

© Gina Wilson (All Things Algebra), LLC, 2021

# INTEGER

## *applications*

### MATH LIB ACTIVITY



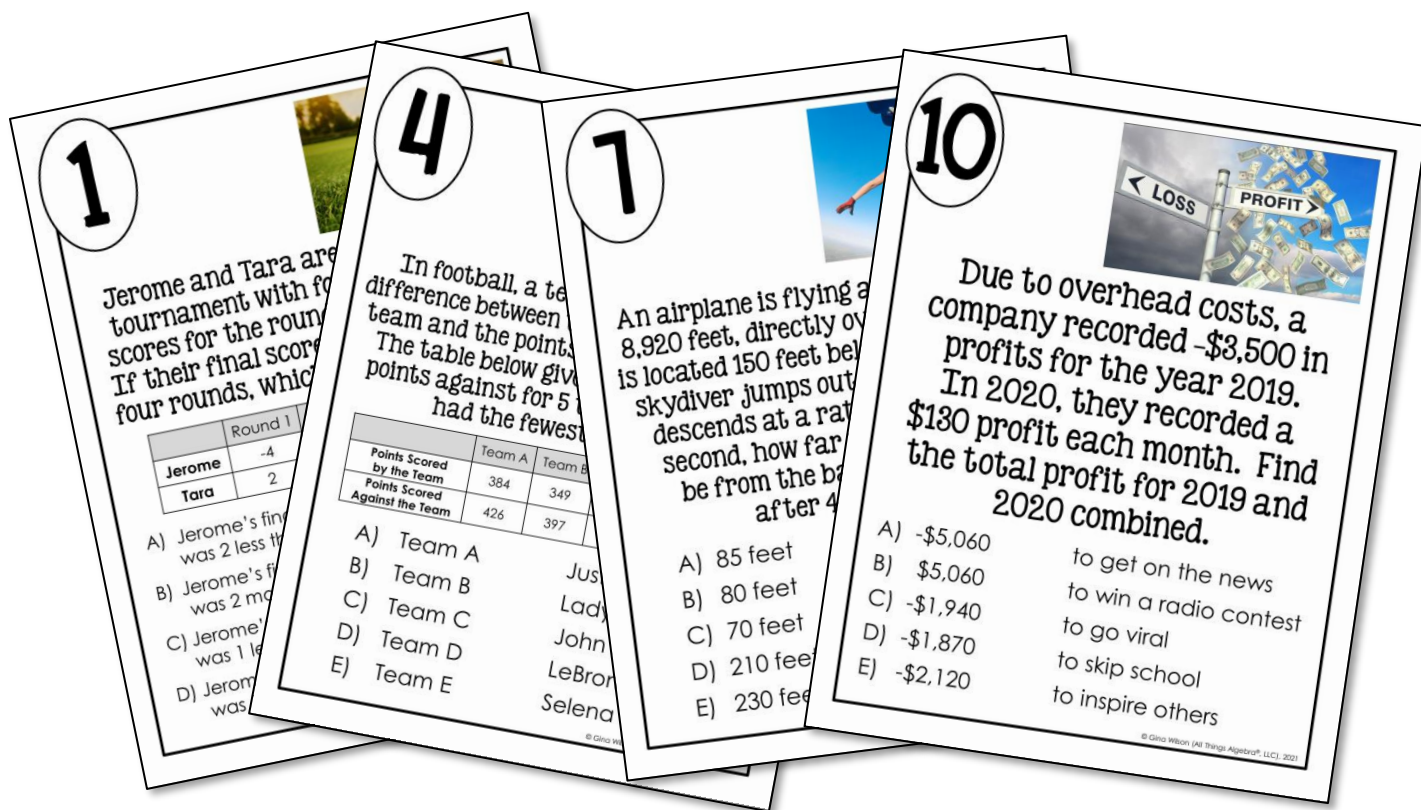
# INTEGER APPLICATIONS

## "Math Lib" Activity!

**Objective:** Students will practice adding, subtracting, multiplying, and dividing integers through application problems with this "Math Lib" activity. Some questions require more than one operations.

**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 3:30 minutes (more if needed). Students solve the problem at the station, then look for their answer and record the piece to the story. When the timer goes off, they move to the next station.

You are able to edit each slide to change the teacher name and all story elements to personalize for your students. PowerPoint is required to edit the slides. They enjoy seeing which one of their teachers is the "star" of the story!



**10 Stations & Student Worksheet Included**  
**You can change ALL story elements!**