



INTEGER OPERATIONS

TEACHER GUIDE

ACTIVITY STUDENT OBJECTIVE

I can add, subtract, multiply, and divide integers fluently.

DEBRIEFING QUESTIONS

- ★ How can you use a number line to model integer operations?
- ★ How can you use the commutative property to add more than two integer values?
- ★ How is multiplication and division of whole numbers related to multiplication and division of integers?

SCAFFOLDING SUGGESTIONS

- ★ Prompt students to write an expression to indicate the operation and the values they will use to answer the question.
- ★ Consider having students draw an open number line and place the values of the temperatures on the number line to determine the difference.

FOOTBALL BACKGROUND KNOWLEDGE

When a defensive player tackles the quarterback while the quarterback still has possession of the ball, the tackle is called a sack. Generally speaking, the opposing team loses yardage when their quarterback is sacked. This is reported as a positive value under the heading of “Yards Lost on Sack.” This value has been made negative in this activity to represent a loss of yardage and to allow the students an opportunity to work with multiplying negative integer values.



The Stats Challenge curriculum was developed by educators at Region 4 in conjunction with the Houston Texans



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