

Chapter 2 Review

Integer Football

Simplify each expression. Then use your answers to move the team across the football field. Positive answers move the team closer to scoring a touchdown. Negative answers move the team farther *away* from scoring a touchdown. To score a touchdown, the team must cross their opponent's zero-yard (goal) line.

EXAMPLE

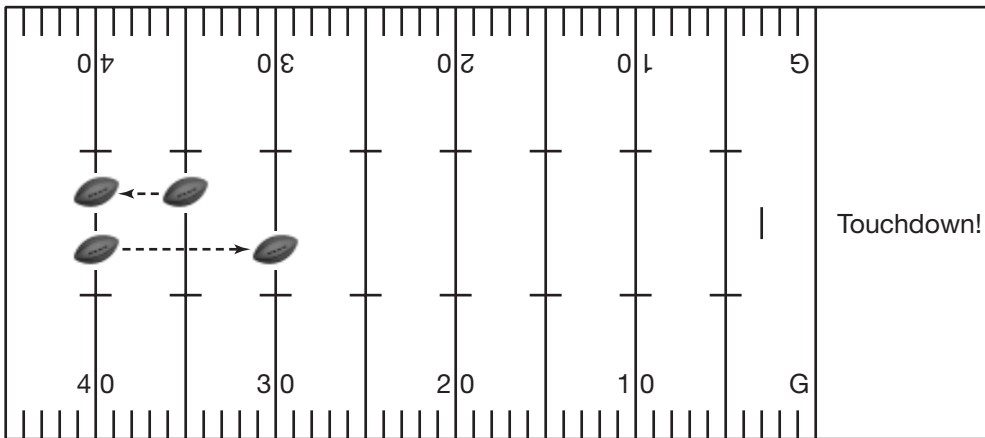
Suppose the team starts on their opponent's 35-yard line.

1st Play: $5 + (-10) = \underline{-5}$

The team moves back 5 yards to the 40-yard line.

2nd Play: $-2 \cdot (-5) = \underline{10}$

The team moves forward 10 yards to the 30-yard line.



Go!

After an interception, Team A starts on their opponent's 40-yard line.

1st Play: $-36 \div (-3) =$

What yard line is the team on now?

2nd Play: $20 \div (-4) =$

What yard line is the team on now?

3rd Play: $-3 \cdot (-6) =$

What yard line is the team on now?

4th Play: $4 - (-12) =$

What yard line is the team on now?

Did Team A score a touchdown? Justify your answer.

Answers are located on page 135.