

Name _____ Date _____

Chapter 2 Review

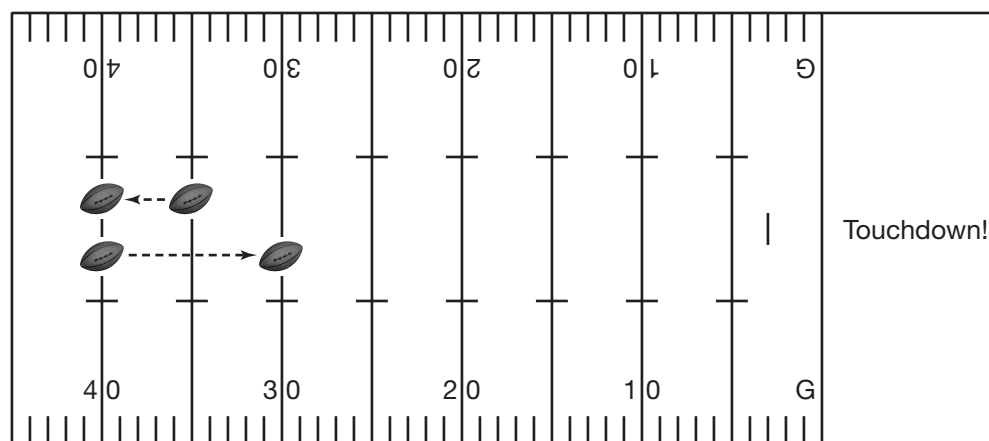
Equation Football

Solve each equation. Then use your solutions to move the team across the football field. Positive solutions move the team in the direction of a touchdown. Negative solutions move the team away from a touchdown. The goal is to reach the goal line in order to score a touchdown.

Example: Suppose the team starts on the 35-yard line.

1st Play: $x = 5 + (-10)$ $x = \underline{-5}$ The team moves back 5 yards to the 40-yard line.

2nd Play: $x = -2 \cdot (-5)$ $x = \underline{10}$ The team moves forward 10 yards to the 30-yard line.



Go!

After an interception, Team A starts on the 40-yard line.

1st Play: $a = (-3)(2)(-2)$ $a = \underline{\hspace{2cm}}$ What yard line is the team on now? $\underline{\hspace{2cm}}$

2nd Play: $b = 35 \div (-7)$ $b = \underline{\hspace{2cm}}$ What yard line is the team on now? $\underline{\hspace{2cm}}$

3rd Play: $c - (-29) = 12$ $c = \underline{\hspace{2cm}}$ What yard line is the team on now? $\underline{\hspace{2cm}}$

4th Play: $-3d = -48$ $d = \underline{\hspace{2cm}}$ What yard line is the team on now? $\underline{\hspace{2cm}}$

Did Team A score a touchdown? Justify your answer.

Answers are located on page 120.