

Football Math

Use the scoring rules to solve each play. Problems get harder as you go. Show your work!

Name _____

Date _____

HOW TEAMS SCORE

6

Touchdown

1

 Extra point
(kick after TD)

2

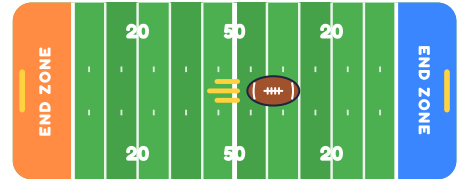
Two-point conversion

3

Field goal

2

Safety


1

The Comets score **1 touchdown**. How many points is that?

WORK SPACE

_____ points

ROOKIE

2

The Otters kick **3 field goals**. How many points do they score?

WORK SPACE

_____ points

ROOKIE

3

The Foxes score a **touchdown**, then kick the **extra point**. How many points did they get on that drive?

WORK SPACE

_____ points

STARTER

4

The Pandas score **2 touchdowns** and make the **extra point** after each one. How many points in all?

WORK SPACE

_____ points

STARTER

5

The Rhinos kick **2 field goals**, and their defense gets a **safety**. How many points do they have?

WORK SPACE

_____ points

PRO

6

The Moose score a **touchdown** and make a **two-point conversion**. Later they kick a **field goal**. What is their score?

WORK SPACE

_____ points

PRO

7

The Yetis score **3 touchdowns**. They kick the extra point after two of them and make a two-point conversion after the other. They also kick **2 field goals**. What is their final score?

WORK SPACE

_____ points

ALL-STAR

8

The Owls finish with **22 points**: 2 touchdowns with an extra point after each, plus 1 safety. The rest came from field goals. **How many field goals** did they kick?

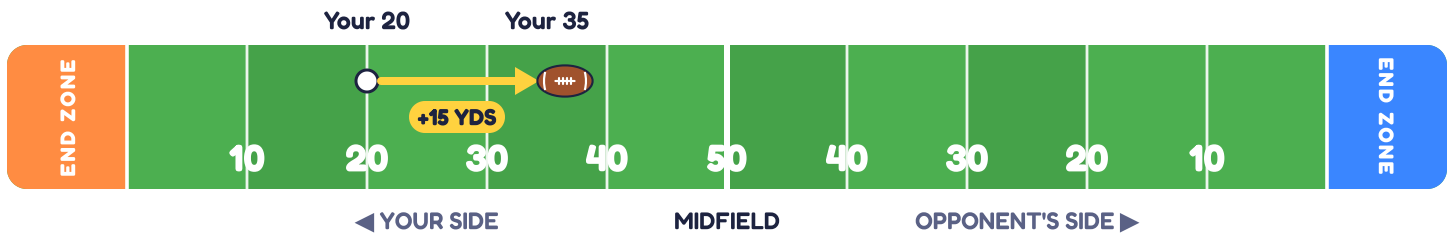
WORK SPACE

_____ field goals

CHALLENGE ★

A Field Position

A football field is **100 yards** long. Yard lines count up from **your own** goal line to **50** at midfield, then count back down on the **opponent's** side. Cross the 50? Subtract from 100 to find the opponent's yard line.



EXAMPLE Ball on your own 20. You gain 15 yards. $20 + 15 = 35$, so you're on **your own 35**.

- 1 Ball on **your own 25**. You gain **10 yards**. Where is the ball now?

WORK SPACE

☐ Own ☐ Opp _____

- 2 Ball on **your own 40**. You get sacked and **lose 7 yards**. Where is the ball now?

WORK SPACE

☐ Own ☐ Opp _____

- 3 Ball on **your own 35**. You gain **30 yards**. Where is the ball now? (*Hint: you crossed midfield!*)

WORK SPACE

☐ Own ☐ Opp _____

- 4 Ball on the **opponent's 40**. You gain **22 yards**. Where is the ball now?

WORK SPACE

☐ Own ☐ Opp _____

- 5 Ball on the **opponent's 15**. How many yards do you need to score a touchdown?

WORK SPACE

_____ yards

- 6 Ball on **your own 30**. How many yards to reach the **opponent's end zone**?

WORK SPACE

_____ yards

B Scoreboard Puzzle

Some numbers fell off the scoreboard! Use the clues to fill in the white boxes, then answer the questions.

FINAL					
QUARTER BY QUARTER					
Team	1st	2nd	3rd	4th	Total
Comets	7	3	0	8	
Otters	0	10	7		20

- A What is the Comets' **total** score?
- B How many points did the Otters score in the **4th quarter**?
- C Who won the game, and **by how many** points?
- D The Comets got all 8 of their 4th-quarter points on **one drive**. How did they score them?

Answer Key (for teachers & parents)

Answers for **Football Math**, with the work shown where it helps. Print pages 1 and 2 for students, and keep this page for checking.

Page 1 Problems

1. **6 points**
2. **9** (3×3)
3. **7** ($6 + 1$)
4. **14** ($7 + 7$)
5. **8** ($3 + 3 + 2$)
6. **11** ($6 + 2 + 3$)
7. **28** ($7 + 7 + 8 + 3 + 3$)
8. **2 field goals** ($22 - 14 - 2 = 6$; $6 \div 3 = 2$)

A • Field Position

1. **Own 35** ($25 + 10$)
2. **Own 33** ($40 - 7$)
3. **Opp 35** ($35 + 30 = 65$; $100 - 65$)
4. **Opp 18** ($40 - 22$)
5. **15 yards**
6. **70 yards** ($100 - 30$)

B • Scoreboard

- A. **18** ($7 + 3 + 0 + 8$)
- B. **3** ($20 - 17$)
- C. **Otters, by 2** ($20 - 18$)
- D. **Touchdown + two-point conversion** ($6 + 2$)

Quick score

Page 1 problems	_____ / 8
A • Field Position	_____ / 6
B • Scoreboard	_____ / 4
Total	_____ / 18

Skills practiced

- Addition
- Multiplication
- Multi-step problems
- Working backward
- Subtracting from 100
- Reading a scoreboard

Teaching tip: Have students write the scoring value above each play before adding. For field position, a quick sketch of the field helps them see when the ball crosses the 50.