

Game Day Stadium Map

It's game day at Comet Field, home of the made-up Riverton Rockets. Use the stadium map to find places, name grid squares and plan your walks.

Name _____

Date _____

MAP TOOLKIT

Grid

letter first,
then number

Compass

N, S, E, W and
in-between

Walk

N, S, E or W only,
1 square at a time

No Field

fans never walk
on the field

KICKOFF

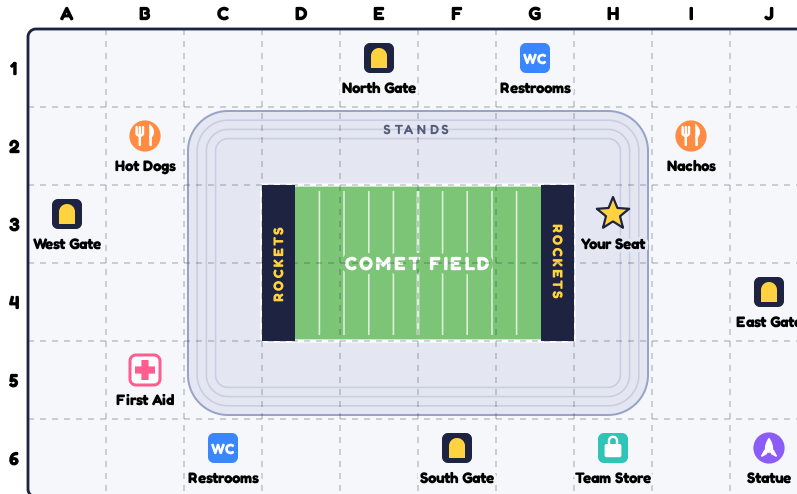
1:00

SECTION

104

FIND • COUNT • WALK

COMET FIELD STADIUM MAP



LEGEND

-  Gate
-  Snack stand
-  Restrooms
-  First aid
-  Team store
-  Your seat
-  Rocket statue
-  Field (no walking)

ROOKIE

- 1 In which grid square is the **Team Store**? Write the letter, then the number.

WORK SPACE

ROOKIE

- 2 What place is in square **12**?

WORK SPACE

STARTER

- 3 How many grid squares does **Comet Field** cover?

WORK SPACE

_____ squares

STARTER

- 4 Which snack stand is **directly west** of the Nachos stand?

WORK SPACE

PRO

- 5 From **Your Seat**, in which **intermediate direction** (NE, NW, SE or SW) is the North Gate?

WORK SPACE

PRO

- 6 Maya walks straight south from the **Hot Dogs** stand to **First Aid**. How many squares does she walk?

WORK SPACE

_____ squares

ALL-STAR

- 7 Use the Walk and No Field rules. What is the fewest squares from the **North Gate** to **Your Seat**?

WORK SPACE

_____ squares

CHALLENGE ★

- 8 Use the Walk and No Field rules. What is the fewest squares from the **West Gate** to the **East Gate**?

WORK SPACE

_____ squares

A Follow the Directions

Use the stadium map on page 1. Start in the square shown, follow the moves and name the place where you stop.

- 1 Start at the North Gate (**E1**). Go **3 squares west**, then **1 square south**. What place do you reach? _____
- 2 Start at the South Gate (**F6**). Go **3 squares west**. What place do you reach? _____
- 3 Start at your seat (**H3**). Go **1 square east**, then **1 square north**. What place do you reach? _____
- 4 Start at the East Gate (**J4**). Go **2 squares south**. What place do you reach? _____

B Plot the Practice Field

The Rockets set up for warm-ups. Mark each item on the grid, then answer the last two questions.

	A	B	C	D	E	F
1						
2						
3						
4						
5						

- 1 Draw a ▲ for the **cone** in square **B4**. DRAW IT
- 2 Draw a ● for the **ball** in square **E4**. DRAW IT
- 3 Draw a ■ for the **water cooler** in square **E1**. DRAW IT
- 4 Draw a ★ for the **coach** in square **C2**. DRAW IT
- 5 How many squares **east** of the cone is the ball? _____ squares
- 6 In which direction is the **water cooler** from the ball? _____

Practice field. Letter first, then number.

C Which Way to Go?

Use the stadium map on page 1. Count squares to plan the best walk.

- 1 There are two **Restrooms** on the map. Which one is a shorter walk from **your seat**? Write its grid square.

WORK SPACE



- 2 Use the Walk and No Field rules. What is the fewest squares from the **South Gate** to the **Hot Dogs** stand?

WORK SPACE



_____ squares

- 3 Walking one square takes **20 seconds**. How many seconds is the shortest walk from the **Team Store** to the **East Gate**?

WORK SPACE



_____ seconds

- 4 Mystery spot: I am in **row 1, 2 squares east** of the North Gate. What am I?

WORK SPACE



BONUS · YOUR TURN

Pick an **empty square** (not on the field) for a new popcorn stand. Write its **grid square**, then write directions to it from **your seat**.

- 1 _____
- 2 _____

✓ Answer Key (for teachers & parents)

Answers for **Game Day Stadium Map**, with the work shown. Print pages 1 and 2 for students, and keep this page for checking. Bonus answers vary; check that the square is empty and not on the field, and that the directions really lead there.

Page 1 Problems

- Answer: H6**
The Team Store is in column H, row 6.
- Answer: Nachos**
The snack stand in column I, row 2.
- Answer: 8 squares**
Columns D to G (4) in rows 3 and 4 (2): $4 \times 2 = 8$.
- Answer: Hot Dogs**
Stay in row 2 and look left (west): B2.
- Answer: Northwest**
H3 to E1 goes up (north) and left (west).
- Answer: 3 squares**
B2 to B5: rows 3, 4 and 5.
- Answer: 5 squares**
E1 east 3 squares to H1, then south 2 squares to H3.
- Answer: 12 squares**
The field blocks rows 3 and 4. A3 north 1 to A2, east 9 to J2, then south 2 to J4: $1 + 9 + 2 = 12$. (Going around the south side is also 12.)

Quick score

Page 1 problems	_____ / 8
A · Directions	_____ / 4
B · Practice Field	_____ / 6
C · Which Way	_____ / 4
Total	_____ / 22

Skills practiced

- Map grids
- Grid references
- Cardinal directions
- Intermediate directions (NE, NW, SE, SW)
- Counting squares on a route
- Plotting points
- Multiplication

Teaching tip: Kids often count the starting square as a step. Have them put a finger on the start, then say "one" only when the finger moves. In problem 8, the straight count is 10 squares, but the field is in the way, so the real walk is 12.

A · Follow the Directions

- Answer: Hot Dogs (B2)**
- Answer: Restrooms (C6)**
- Answer: Nachos (I2)**
- Answer: Rocket Statue (J6)**

C · Which Way to Go?

- Answer: G1**
G1 is 3 squares away (1 west, 2 north). C6 is 8 squares (5 west, 3 south).
- Answer: 8 squares**
F6 west 4 squares to B6, then north 4 squares to B2.
- Answer: 80 seconds**
H6 to J4 is 4 squares (2 east, 2 north). $4 \times 20 = 80$.
- Answer: Restrooms**
Two squares east of E1 is G1.

B · Plot the Practice Field

- Answer: ▲ in B4**
- Answer: ● in E4**
- Answer: ■ in E1**
- Answer: ★ in C2**
- Answer: 3 squares**
B4 to E4 in row 4: columns C, D and E.
- Answer: North**
E1 is above E4 in the same column.

