

Golf Scorecard: Over/Under Par

In golf, every swing counts as a stroke, and the goal is to use as **few** as you can. Turn strokes into scores above or below par, add positive and negative numbers, and rank a made-up leaderboard.

Name _____

Date _____

SCORE-TO-PAR TOOLKIT

Par

strokes a good golfer should need

-2

eagle

-1

birdie

E

par (even)

+1

bogey

+2

double bogey



Lowest score wins!

FEWER STROKES = BETTER

ROSA KESTREL'S SCORECARD · 9 HOLES

HOLE	1	2	3	4	5	6	7	8	9	TOTAL
Par	4	3	5	4	4	3	4	5	4	36
Strokes	3	3	7	4	5	2	4	3	5	
To par										

Score to par = strokes - par. Below par is a negative number (good!); above par is positive. Rosa is a made-up golfer.

ROOKIE

- 1 Hole 1 is a **par 4**. Rosa took **3** strokes. Is that an eagle, a birdie, a par or a bogey?

WORK SPACE

ROOKIE

- 2 Hole 3 is a **par 5**. Rosa took **7** strokes. Write her score to par as a number, and name it.

WORK SPACE

STARTER

- 3 On which hole did Rosa make an **eagle** (2 under par)?

WORK SPACE

hole _____

STARTER

- 4 Fill in the **To par** row on Rosa's scorecard for all 9 holes. Write each one as -2, -1, E, +1 or +2.

WORK SPACE

use the scorecard above

PRO

- 5 Add the 9 numbers in Rosa's **To par** row. What is her **total to par**? (Write E if it is 0.)

WORK SPACE

PRO

- 6 Check it another way: add Rosa's **strokes**, then subtract the total par (36). Do you get the same answer?

WORK SPACE

_____ strokes · _____

ALL-STAR

- 7 On how many holes was Rosa **under par**? On how many was she **over par**?

WORK SPACE

under _____ · over _____

CHALLENGE ★

- 8 What if Rosa had made a **birdie** on hole 3 instead of her double bogey? What would her total to par be?

WORK SPACE

A Leaderboard Card

Each number is that golfer's score to par on one hole. Add them up, then build the leaderboard.

GOLFER	1	2	3	4	5	6	7	8	9	TOTAL
Eli Brookfield	E	-1	-1	+1	E	E	-1	E	-1	
Nadia Quill	+1	E	-2	E	-1	+1	E	-1	E	
Theo Marsh	E	+1	E	+2	E	E	-1	+1	E	
Rosa Kestrel	use your total from page 1									

LEADERBOARD (LOWEST FIRST)

1st _____
 2nd _____
 3rd _____
 4th _____

- Find each golfer's **total to par**. Write it in the TOTAL column.
- Rank all four golfers from **1st to 4th**. Remember: the lowest score wins.
- How many strokes is the last-place golfer **behind the leader**? _____ strokes
- Explain in your own words why the **lowest** score wins in golf.

B Integer Workout

Golf math is adding and comparing positive and negative numbers. Write each answer on its line.

- $(-2) + (+3) + (-1) = ?$

- A golfer is at **-2**. On her next 4 holes she makes a bogey, a double bogey, an eagle and a par. What is her total to par now?

- On a number line, how far apart are **-4** and **+2**?
_____ units
- Which number is **greater**, **-3** or **-1**? Which is the **better** golf score?
greater _____ · **better** _____

C What If? Final Hole

Nadia is at **-2** with one hole left (hole 9, a **par 4**). Eli finished at **-3**.

- Rewind to before Nadia's **last hole** (hole 9, a **par 4**). She is at **-2**. The leader, Eli, finished at **-3**. What score to par on hole 9 would **tie** Eli?

WORK SPACE

_____ strokes

- How many **strokes** would Nadia need on hole 9 to **tie** Eli?

WORK SPACE

_____ strokes

- What is the **most** strokes she could take on hole 9 and still **beat** Eli (not just tie)? What is that score called?

WORK SPACE

_____ strokes · _____

- What if Nadia makes a **bogey** on hole 9 instead? What is her total, and what place would she finish in?

WORK SPACE

_____ · _____ place

Answer Key (for teachers & parents)

Golf Scorecard: Over/Under Par: answers and short steps for every problem. Score to par = strokes – par. A negative score is under par (good), and the lowest total wins. All golfers are made up.

Page 1 Problems

- Answer: Birdie**
3 strokes on a par 4 is 1 under par (–1).
- Answer: +2 · double bogey**
 $7 - 5 = 2$ strokes over par.
- Answer: Hole 8**
3 strokes on a par 5 is 2 under par (–2).
- Answer: –1, E, +2, E, +1, –1, E, –2, +1**
Strokes – par on each hole:
3–4, 3–3, 7–5, 4–4, 5–4, 2–3, 4–4, 3–5, 5–4.
- Answer: E**
 $-1 + 0 + 2 + 0 + 1 - 1 + 0 - 2 + 1 = 0$, so even par.
- Answer: Yes · 36 strokes · E**
 $3 + 3 + 7 + 4 + 5 + 2 + 4 + 3 + 5 = 36$ strokes.
 $36 - 36 = 0$, the same as question 5.
- Answer: Under 3 · over 3**
Under on holes 1, 6, 8. Over on holes 3, 5, 9.
- Answer: –3**
A birdie (–1) is 3 better than +2.
 $0 - 3 = -3$.

Quick score

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C · What If? Final Hole	_____ / 4
Total	_____ / 20

Skills practiced

- Adding integers
- Negative numbers
- Comparing integers
- Number line distance
- Multi-step problems

Teaching tip: Covers 6.NS.C.7 (order and compare integers) and 7.NS.A.1 (add integers). Have kids say each score out loud: “two under” is –2. Then ask why a smaller number is the better golf score.

A · Leaderboard Card

- Answer: Eli –3 · Nadia –2 · Theo +3 · Rosa E**
Eli: $-1 - 1 + 1 - 1 - 1 = -3$.
Nadia: $+1 - 2 - 1 + 1 - 1 = -2$.
Theo: $+1 + 2 - 1 + 1 = +3$.
Rosa: E from page 1.
- Answer: 1st Eli · 2nd Nadia · 3rd Rosa · 4th Theo**
Lowest to highest: –3, –2, E, +3.
- Answer: 6 strokes**
 $+3 - (-3) = 3 + 3 = 6$.
- Answer: Answers vary**
Every swing counts as one stroke.
Fewer swings means better play.
So the lowest total wins.

B · Integer Workout

- Answer: 0**
 $-2 + 3 = 1$, then $1 + (-1) = 0$.
- Answer: –1**
Bogey +1, double bogey +2, eagle –2, par 0.
 $-2 + 1 + 2 - 2 + 0 = -1$.
- Answer: 6 units**
From –4 up to 0 is 4, and 0 up to +2 is 2. $4 + 2 = 6$.
- Answer: –1 is greater · –3 is better**
–1 is farther right. In golf, lower wins.

C · What If? Final Hole

- Answer: –1 (a birdie)**
To tie: $-3 - (-2) = -1$ on hole 9.
- Answer: 3 strokes**
Par 4, one under: $4 - 1 = 3$.
- Answer: 2 strokes · an eagle**
She must finish under –3, so –2 on hole 9.
Par 4: $4 - 2 = 2$. Any more and she ties or loses.
- Answer: –1 · 2nd place**
 $-2 + 1 = -1$. Only Eli (–3) is lower.