

MATHS MISSION

Training Day Attendance

YOUR ROLE: TEAM WELLBEING OFFICER

Your Mission

The school footy team has been trialling an extra afternoon training session. You've been asked to analyse the attendance data from the first 5 weeks and recommend whether it should continue.

Before You Begin

- How would you know if extra training was actually working well?
 - Why might attendance at training change from week to week?
-  *Talk with a partner: why might fewer players turn up in some weeks?*

Background

Coaches and wellbeing staff look at real attendance numbers — not just guessing — to decide what's working and what might need to change.

Step 1 – Complete the Table

Attendance over 5 weeks, out of a 30-player squad, was: Week 1: 12, Week 2: 15, Week 3: 18, Week 4: 14, Week 5: 21.

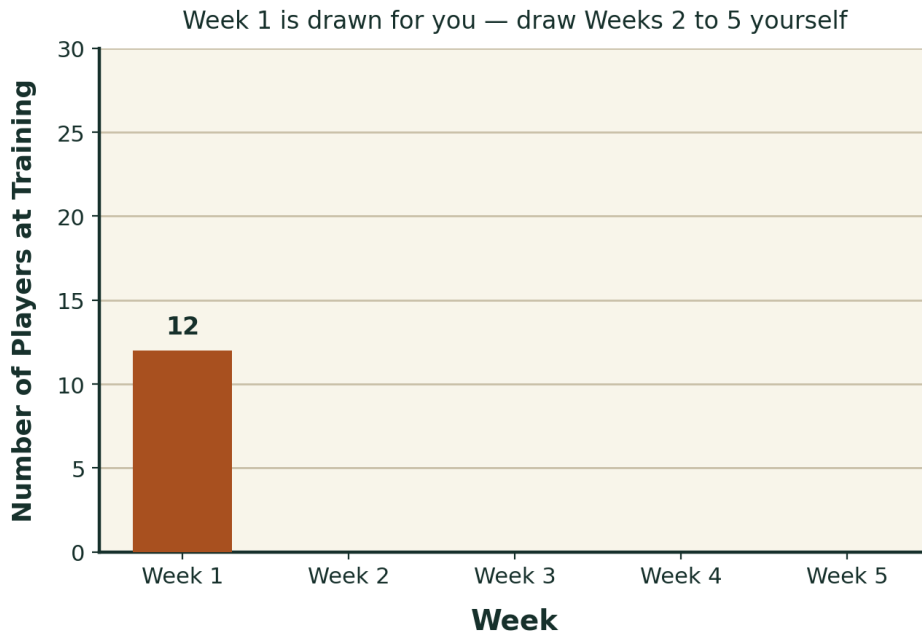
For each week, calculate attendance as a percentage of the 30-player squad.

Week	Attendance	Out Of	Percentage
1	12	30	_____
2	15	30	_____
3	18	30	_____
4	14	30	_____
5	21	30	_____

Step 2 – Draw a Bar Graph

Week 1 is already drawn for you below — a bar reaching up to 12.

Use your table to draw the bars for Week 2 to Week 5.



Compare your finished graph with a partner's.

Step 3 - Find the Average

Add up the 5 weeks' attendance, then divide by 5 to find the mean (average) weekly attendance.

- Total = $12 + 15 + 18 + 14 + 21 =$ ____
- Average = $\text{total} \div 5 =$ ____

Make a Decision

Should the extra training session continue?

- ☐ Yes, continue it
- ☐ No, stop it
- ☐ Continue, but change something — explain

Use the average and the trend across the 5 weeks (increasing, decreasing, or steady) to justify your decision.

: _____

: _____

Mission Challenge

Coaches want to know which day gets the best attendance. A small trial gave these averages: Monday 10, Wednesday 16, Saturday 22.

Which day should training run on, based on this data?

Day	Average Attendance
Monday	10
Wednesday	16
Saturday	22

Is attendance data alone enough to choose a day? What else might coaches want to consider?

: _____

★ Extension Challenge

Write a rule for calculating percentage attendance for any week's numbers.

What is your rule?

💡 *Talk with a partner before you write your rule.*

My idea: _____

🌐 Community Connection

Training and sport happen across many communities, often organised by volunteers and coaches.

- Footy training
- School sport
- A girls' or women's team
- A cultural or fitness program

What training or activities happen in your community? Who organises them?

: _____

💬 Reflection

Circle how you felt about today's mission:

😊 Confident 😊 Mostly understood 😞 Needed some help 😞 Found it difficult

What did the graph show you that the table of numbers didn't?

: _____

★ Bonus Challenge

Design one question you'd ask players to find out why attendance changes week to week.

: _____

: _____