

Soccer Saturdays

You need a classmate a photocopy of the tables copymaster

Activity

Tavai's dad has just started a new job as a zookeeper. He works for 4 days and then has 4 days off.

1.

I play soccer on Saturdays. I wonder how many Saturdays Dad will be able to watch me play?

a. Use the first table on your tables sheet to show Dad's workdays and days off work for the first 10 weeks of his new job.

W = workdays
O = days off work

Week	Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	W	W	W	W	O	O	O
2	O						
...

b. How many of Tavai's games will Dad be able to watch during the 10 weeks?

- Tavai finds a pattern in his table that helps him know when Dad will be having a Saturday off. What is the pattern? Why does it happen?
- How many weeks does the pattern run for before it starts again?
- What would work better for Tavai: his father working 5 days on and 5 days off or 4 days on and 4 days off?



Week	Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	W	W	W	W	W	O	O
2	O	O	O				
...