

Design Your Own

Using your knowledge of spreadsheets, can you design your own for specific purpose?

Here are some starting ideas but you don't have to use any of these if you have an original idea of your own.

You could create your own version of one of these spreadsheets:

	A	B	C	D	E	F	G
1							
2							
3							
4							
5							
6							
7							

Activity 2: The Multiplier

0 x 0 = 0

Edit the values in the green and yellow boxes. The spreadsheet will automatically calculate the result in the blue box each time the numbers are changed.

Hockey League Table								
	Matches	Won	Drawn	Lost	Points	Goals For	Goals Against	Goal Diff
1 Birmingham		10	1	3		52	17	
2 Brighton		5	0	7		32	38	
3 Cambridge		4	1	8		25	31	
4 Cardiff		7	0	4		40	19	
5 Doncaster		6	2	4		43	31	
6 Exeter		2	3	9		14	49	
7 Sheffield		11	1	1		56	14	
8 Wimbledon		3	0	8		16	45	

3 points for a win
1 point for a draw
0 points for losing

The cells coloured in blue need to be calculated automatically using a formula. Can you create the correct formula in each column to complete the league table?

Goal Diff = Goals For - Goals Against

Number Operations

Spelling Test Scores	1	2	3	4	5	6	TOTAL	AVERAGE	%
1 Jim Nasium	10	10	7	10	10	10	57	9.5	95%
2 Justin Case	8	10	10	9	9	10	56	9.3	93%
3 Teresa Green	9	10	10	10	8	7	54	9.0	90%
4 Hazel Nutt	10	7	8	10	10	8	53	8.8	88%
5 Luke Warm	10	10	9	7	9	8	53	8.8	88%
6 Moe Delawn	7	9	10	7	9	10	52	8.7	87%
7 Holly Berry	10	5	10	10	9	7	51	8.5	85%
8 Jamie Dodger	8	10	3	10	10	10	51	8.5	85%
9 Paige Turner	10	6	10	7	10	7	50	8.3	83%
10 Anna Mull	9	8	8	10	10	4	49	8.2	82%
11 Eve Ning	7	7	10	7	7	10	48	8.0	80%
12 Zoltan Pepper	6	8	7	10	10	7	48	8.0	80%
13 Sonny Day	9	6	10	10	7	5	47	7.8	78%
14 Bess Twishes	8	5	8	10	10	6	47	7.8	78%
15 Lance Lyde	7	10	9	10	8	3	47	7.8	78%
16 Rita Book	9	10	5	4	7	10	45	7.5	75%
17 Sid Down	5	4	10	7	8	10	44	7.3	73%
18 Bill Board	8	8	5	5	10	8	44	7.3	73%
19 Ben Crobbery	9	10	2	6	3	10	40	6.7	67%
20 Bob Down	10	10	5	4	2	7	38	6.3	63%

Test or Game Scores

Sports League Table

Week	Weekly	Cumulative	Weekly	Cumulative	Weekly	Cumulative
1	£5.00	£5.00	£0.50	£0.50	£0.01	£0.01
2	£5.00	£10.00	£1.00	£1.50	£0.02	£0.03
3	£5.00	£15.00	£1.50	£3.00	£0.04	£0.07
4	£5.00	£20.00	£2.00	£5.00	£0.08	£0.15
5	£5.00	£25.00	£2.50	£7.50	£0.16	£0.31
6	£5.00	£30.00	£3.00	£10.50	£0.32	£0.63
7	£5.00	£35.00	£3.50	£14.00	£0.64	£1.27
8	£5.00	£40.00	£4.00	£18.00	£1.28	£2.55
9	£5.00	£45.00	£4.50	£22.50	£2.56	£5.11
10	£5.00	£50.00	£5.00	£27.50	£5.12	£10.23
11	£5.00	£55.00	£5.50	£33.00	£10.24	£20.47
12	£5.00	£60.00	£6.00	£39.00	£20.48	£40.95
13	£5.00	£65.00	£6.50	£45.50	£40.96	£81.91
14	£5.00	£70.00	£7.00	£52.50	£81.92	£163.83
15	£5.00	£75.00	£7.50	£60.00	£163.84	£327.67
16	£5.00	£80.00	£8.00	£68.00	£327.68	£655.35
17	£5.00	£85.00	£8.50	£76.50	£655.36	£1,310.71
18	£5.00	£90.00	£9.00	£85.50	£1,310.72	£2,621.43
19	£5.00	£95.00	£9.50	£95.00	£2,621.44	£5,242.87
20	£5.00	£100.00	£10.00	£105.00	£5,242.88	£10,485.75
21	£5.00	£105.00	£10.50	£115.50	£10,485.76	£20,971.51
22	£5.00	£110.00	£11.00	£126.50	£20,971.52	£41,943.03
23	£5.00	£115.00	£11.50	£138.00	£41,943.04	£83,886.07
24	£5.00	£120.00	£12.00	£150.00	£83,886.08	£167,772.15
25	£5.00	£125.00	£12.50	£162.50	£167,772.16	£335,544.31
26	£5.00	£130.00	£13.00	£175.50	£335,544.32	£671,088.63
27	£5.00	£135.00	£13.50	£189.00	£671,088.64	£1,342,177.27
28	£5.00	£140.00	£14.00	£203.00	£1,342,177.28	£2,684,354.55
29	£5.00	£145.00	£14.50	£217.50	£2,684,354.56	£5,368,709.11
30	£5.00	£150.00	£15.00	£232.50	£5,368,709.12	£10,737,418.23

Key amounts highlighted in orange are when the weekly or cumulative figure surpasses that of another Option.
Key amounts highlighted in green are when the cumulative amount reaches £100, £1000 or £1,000,000

Pocket Money or Budget Planner

Or one of these new suggestions:

- An event planner for a party or other occasion
- A Class timetable or Revision timetable
- Family Weekly Planner
- Savings Budget

Consider the formulas you will need and how you will present your spreadsheet to look attractive.

What new skills can you show in the making of your spreadsheet?

How will you present it to the rest of the class to explain what it is for?