Computing

Lesson 2: Quick Calculations

Spreadsheets

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Materials from the Teach Computing Curriculum created by the National Centre for Computing Education

Task 1 Calculation practice

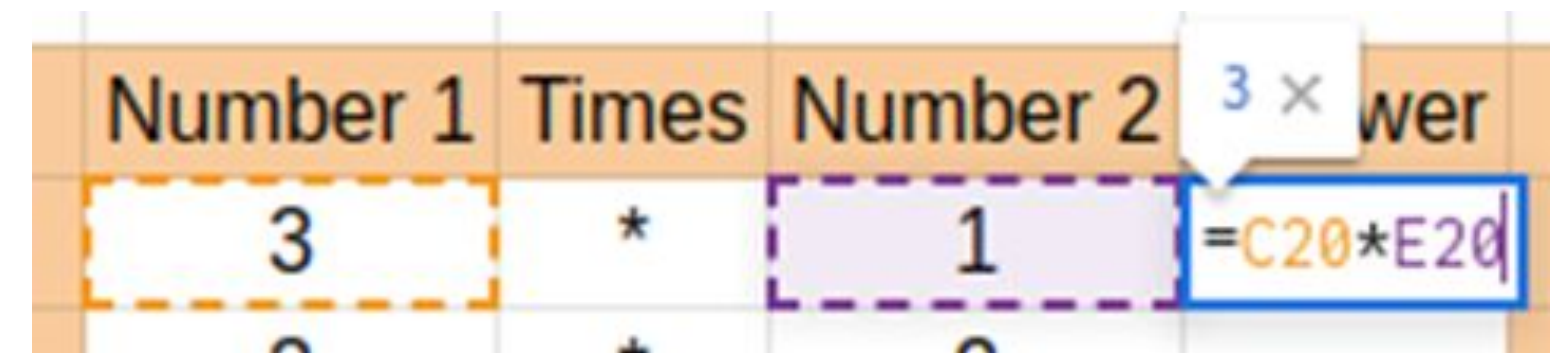|	A	B	C	D	E	F
1						
2						
3						
4						
5		Question number				Your answer
6		1	14	*	7	
7		2	179	+	56	
8		3	625	–	341	
9		4	8	*	77	
10		5	764	/	4	
11						

Credit: Google Sheets screenshot: Halima Bhayat

Your first formula?

- A formula always starts with the **=** symbol
- Symbol for multiplication: *****
- Symbol for division: **/**

For Task 1 can you enter formulas in column F to work out answers for Question 1 to 5?

Credit: Google Sheets screenshot: Halima Bhayat

Task 2 Cake recipe

	A	B	C	D	E	F	G	H	I	J	K	L
1	Ingredient	Measurements	Quantity	Two times	Three times	Half (divide by two)	Ingredient	Measurements	Quantity	Two times	Three times	Half (divide by
2	**Chocolate chip muffins**						**Cupcakes**					
3	Eggs		2				Self-raising flour	g	125			
4	Vegetable oil	ml	125				Margarine	g	125			
5	Semi-skimmed r	ml	250				Caster sugar	g	125			
6	Caster sugar	g	250				Eggs		2			
7	Flour	g	400				Butter	g	125			
8	Baking powder	tsp	3				Icing sugar	g	225			
9	Salt	tsp	1									
10	Chocolate chips	g	100									
11												
12	**Blueberry muffins**						Dair- free chocolate cupcakes					
13	Flour	g	275				Self-raising flour	g	150			
14	Baking powder	tsp	2				Cocoa powder	g	30			
15	Caster sugar	g	125				Caster sugar	g	175			
16	Butter, melted	g	75				Dairy-free marg	g	175			
17	Eggs, beaten		2				Eggs		3			
18	Milk	ml	300				Vanilla extract	tsp	0.33			
19	Blueberries	g	125				Dairy-free dark	g	75			
20												

Credit: Google Sheets screenshot: Halima Bhayat
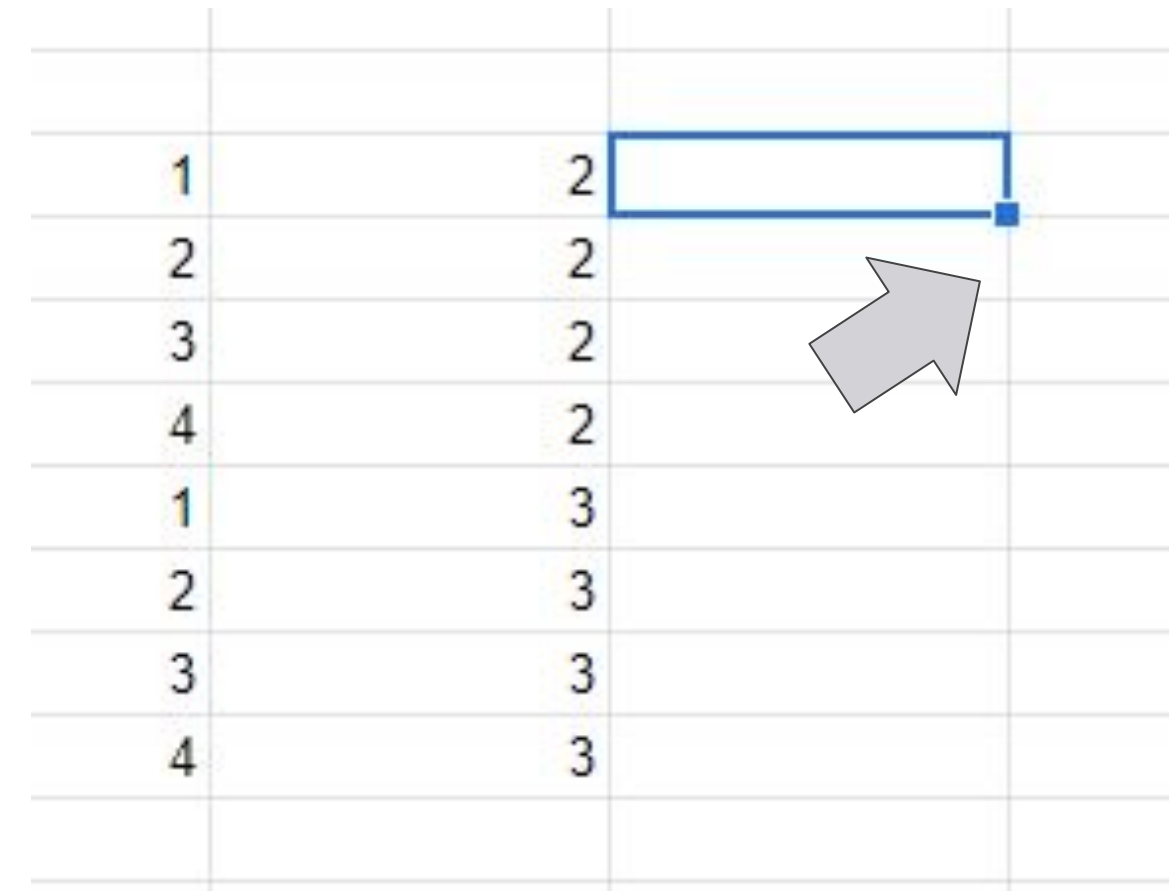
4

Autofill

- What is it and why is it needed?

- Look for the little square on the bottom right corner of a cell.

Task 2 - Create a formula which can double or divide a quantity and uses an autofill.

Save your cake recipe spreadsheet, you will need this again in lesson 4

Credit: Google Sheets screenshot: Halima Bhayat