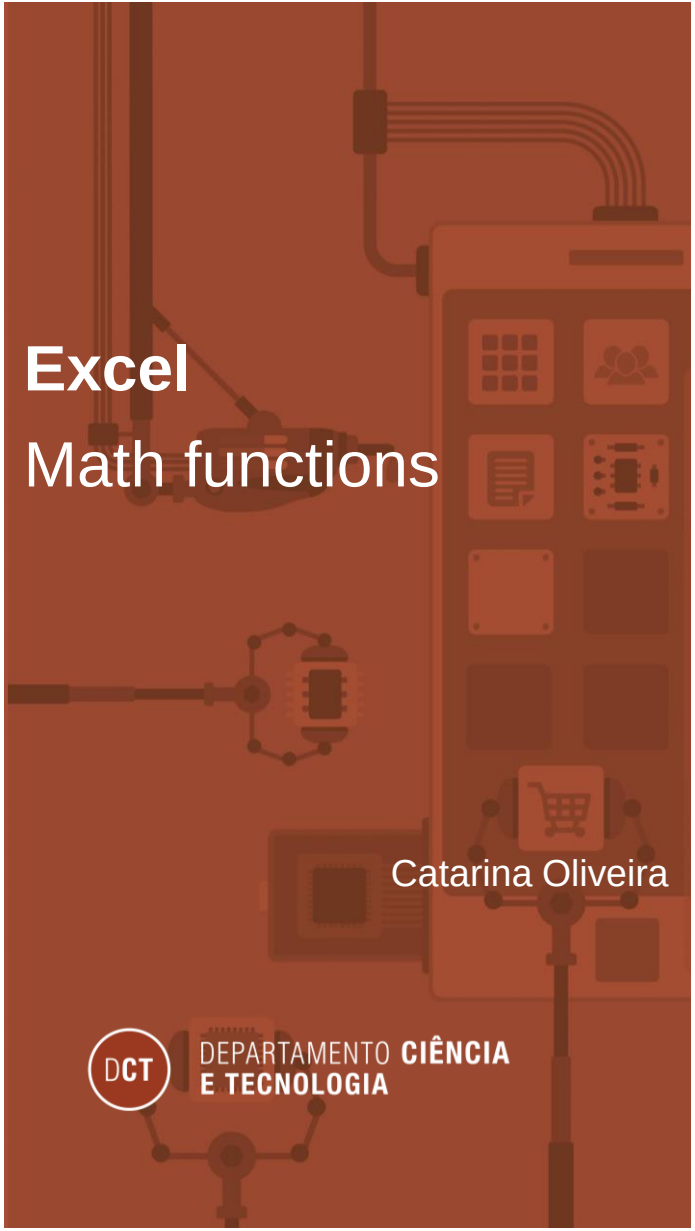

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CONTENT

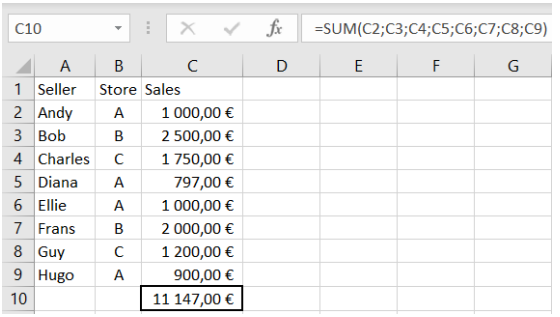
1. SUM
2. SUMIF
3. ROUND | ROUNDDOWN| ROUNDUP
4. RAND | RANDBETWEEN
5. PRODUCT | SUMPRODUCT

SUM

SUM(range)

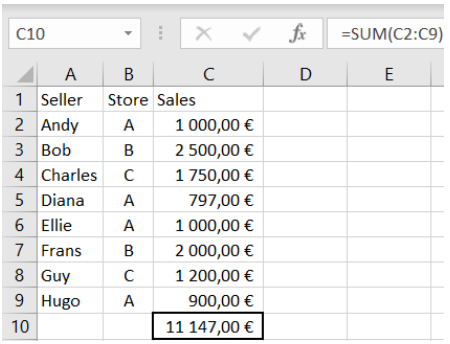
Sum all the values in the range

SUM(C2;C3;C4;C5;C6;C7;C8;C9) → Sum the values C2, C3, C4, C5,C6,C7,C8 and C9



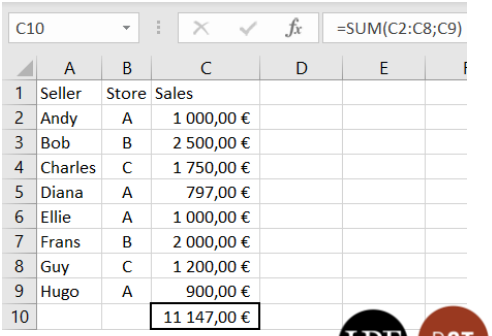
	A	B	C	D	E	F	G
1	Seller	Store	Sales				
2	Andy	A	1 000,00 €				
3	Bob	B	2 500,00 €				
4	Charles	C	1 750,00 €				
5	Diana	A	797,00 €				
6	Ellie	A	1 000,00 €				
7	Frans	B	2 000,00 €				
8	Guy	C	1 200,00 €				
9	Hugo	A	900,00 €				
10			11 147,00 €				

SUM(C2:C9) → Sum the values in the range C2:C9



	A	B	C	D	E
1	Seller	Store	Sales		
2	Andy	A	1 000,00 €		
3	Bob	B	2 500,00 €		
4	Charles	C	1 750,00 €		
5	Diana	A	797,00 €		
6	Ellie	A	1 000,00 €		
7	Frans	B	2 000,00 €		
8	Guy	C	1 200,00 €		
9	Hugo	A	900,00 €		
10			11 147,00 €		

SUM(C2:C8;C9) → Sum the values in the range C2:C8 and C9



	A	B	C	D	E
1	Seller	Store	Sales		
2	Andy	A	1 000,00 €		
3	Bob	B	2 500,00 €		
4	Charles	C	1 750,00 €		
5	Diana	A	797,00 €		
6	Ellie	A	1 000,00 €		
7	Frans	B	2 000,00 €		
8	Guy	C	1 200,00 €		
9	Hugo	A	900,00 €		
10			11 147,00 €		

SUMIF

SUMIF(range; criteria; range_sum)

Sum the cells that respect the criteria.Soma as células que respeitem os critérios. The argumente “range_sum” is optional but, if it exists, the sum is made in that range

1. SUMIF(C2:C9;"1000") → Sums the cells in range C2:C9 which value is 1000

2. SUMIF(C2:C9;">1000") → Sums the cells in range C2:C9 which value is greater than 1000

3. SUMIF(B2:B9;"A";C2:C9) → Sums the cells in range C2:C9 if the corresponding cells in B2:B9 are “A”

1

C10 =SUMIF(C2:C9;"1000")

	A	B	C	D	E	F
1	Seller	Store	Sales			
2	Andy	A	1 000,00 €			
3	Bob	B	2 500,00 €			
4	Charles	C	1 750,00 €			
5	Diana	A	797,00 €			
6	Ellie	A	1 000,00 €			
7	Frans	B	2 000,00 €			
8	Guy	C	1 200,00 €			
9	Hugo	A	900,00 €			
10			2 000,00 €			

2

C10 =SUMIF(C2:C9;">1000")

	A	B	C	D	E	F
1	Seller	Store	Sales			
2	Andy	A	1 000,00 €			
3	Bob	B	2 500,00 €			
4	Charles	C	1 750,00 €			
5	Diana	A	797,00 €			
6	Ellie	A	1 000,00 €			
7	Frans	B	2 000,00 €			
8	Guy	C	1 200,00 €			
9	Hugo	A	900,00 €			
10			7 450,00 €			

3

C10 =SUMIF(B2:B9;"A";C2:C9)

	A	B	C	D	E	F
1	Seller	Store	Sales			
2	Andy	A	1 000,00 €			
3	Bob	B	2 500,00 €			
4	Charles	C	1 750,00 €			
5	Diana	A	797,00 €			
6	Ellie	A	1 000,00 €			
7	Frans	B	2 000,00 €			
8	Guy	C	1 200,00 €			
9	Hugo	A	900,00 €			
10			3 697,00 €			

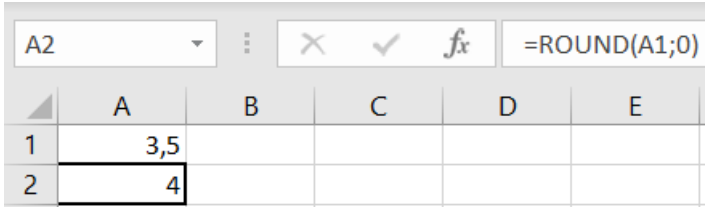
ROUND | ROUNDDOWN | ROUNDUP

ROUND(value; n) → round the values with n decimal places

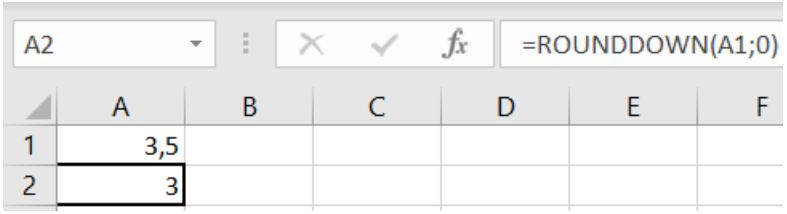
ROUNDDOWN(value; n) → round down the value with n decimal places

ROUNDUP(value; n) → round up the value with n decimal places

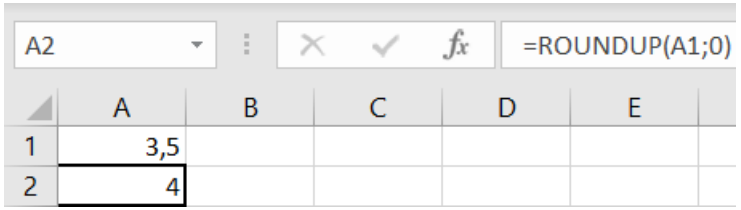
Round A1 to 0 decimal places



Round down A1



Round up A1

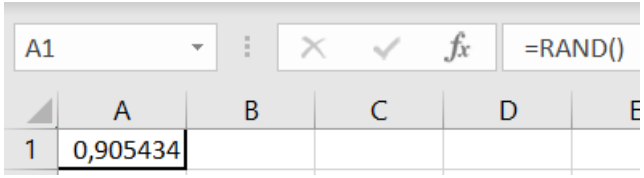


RAND | RANDBETWEEN

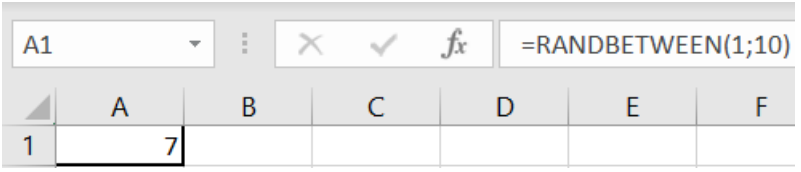
RAND() → Generate a random number between 0 and 1

RANDBETWEEN(mín;max) → Generate a random number between min and max

Generate a random number between 0 and 1

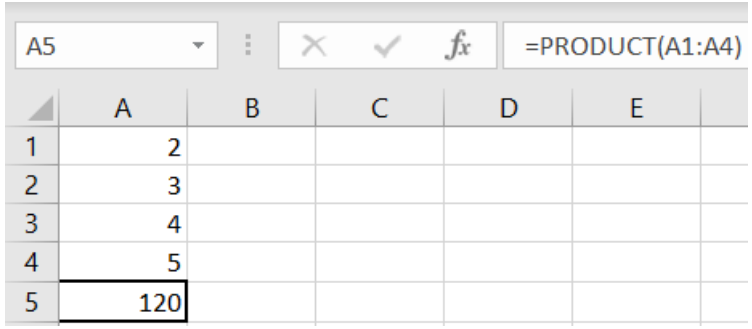


Generate a random number between 1 and 10

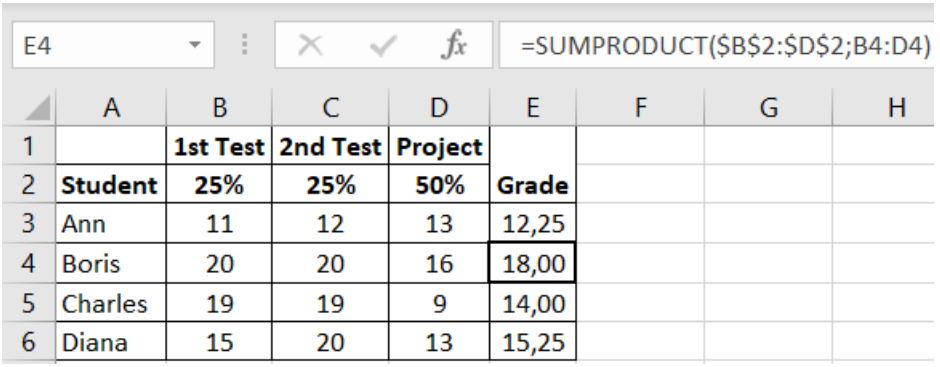


PRODUCT | SUMPRODUCT

Obtain the product of the values on range A1:A4



Obtain the final grade of the students taking into accout the grades and weights of each element



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Do conhecimento à prática.