



MIIM GRAMMAR SCHOOL

Class 7

Date: 15-4-2021

Subject: Computers

Chapter 1: Formulas in Excel 2013

Page: 2-4

Topics covered:

- Using formulas
- Pointing
- Relative, absolute and mixed references
 - Relative references
 - Absolute references

USING FORMULAS

The screenshot shows the Microsoft Excel 2013 interface. The ribbon is set to 'Home'. The formula bar at the top displays the formula $=B2+C2+D2$. The spreadsheet grid shows the following data:

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Roll No	test 1	test 2	test 3	total								
2	9001	45	43	40	$=B2+C2+D2$								
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													

The status bar at the bottom shows the time as 1:19 AM on 4/7/2021.

The screenshot shows the Microsoft Excel interface. The title bar reads "Book1 - Excel" and the status bar shows "01-241192-003". The ribbon is set to "Home" with various options like Font, Alignment, and Number. The spreadsheet has columns A through M and rows 1 through 17. The data in row 2 is as follows:

1	Roll No	test 1	test 2	test 3	total									
2	9001	45	43	40	128									

The formula bar at the top shows the formula for cell E2: $=B2+C2+D2$.

POINTING

The screenshot shows the Microsoft Excel interface. The title bar reads "Book1 - Excel" and the status bar shows "01-241192-003". The ribbon is set to "Home". The spreadsheet has columns A through M and rows 1 through 17. The data in row 2 is as follows:

1	Roll No	test 1	test 2	test 3	total									
2	9001	45	43	40	=B2									

The formula bar at the top shows the formula for cell E2: $=B2$. A dashed blue box highlights cell B2, indicating it is the source of the formula.

RELATIVE REFERENCES

The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Roll No	test 1	test 2	test 3	total								
2	9001	45	23	40	108								
3		50	23	60	133								
4		6	45	23	74								
5					0								
6					0								
7					0								
8					0								
9					0								

The formula bar for cell E2 shows the formula $=B2+C2+D2$, which is highlighted with a red box. The spreadsheet is titled "class 7 ch-1 - Excel" and the status bar shows "Average: 39.375 Count: 8 Sum: 515".

ABSOLUTE REFERENCES

The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	principal amount	rate of interest	time in years	interest amount									
2	10000	8%	1	803									
3	50000	9%	1	4503		5000							
4	100000	10%	1	10003									
5	500000	12%	1	60003									
6													
7						3							

The formula bar for cell D2 shows the formula $=A2*B2*C2+SE$7$, which is highlighted with a red box. The spreadsheet is titled "class 7 ch-1 - Excel" and the status bar shows "Average: 18828 Count: 4 Sum: 75312".

HOME WORK:

Do reading page 2-4 and do practice of examples at home.