

**Course
&
Test Series**

 **CBSE**

 **ICSE**

 **NTSE**

 **Banking &
Insurance**

 **Central Govt.
Service**

 **State Govt.
Services**

 **LAW
Entrance**

 **MBA
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 **Railways & Metro
Services**

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Self-Made Assignment - MS Excel

Use of Fact, Power, Quotient and Mod Function in MS Excel

Dataset:

Number 1	Number 2	Factorial (FACT)	Exponentiation (POWER)	Quotient (QUOTIENT)	Remainder (MOD)
5	2	=FACT(A2) → 120	=POWER(A2,B2) → 25	=QUOTIENT(A2,B2) → 2	=MOD(A2,B2) → 1
7	3	?	?	?	?
6	4	?	?	?	?
9	5	?	?	?	?
10	2	?	?	?	?
8	3	?	?	?	?
12	4	?	?	?	?
15	3	?	?	?	?
11	4	?	?	?	?
14	5	?	?	?	?
18	3	?	?	?	?
20	6	?	?	?	?
13	2	?	?	?	?
25	7	?	?	?	?
30	8	?	?	?	?

Tasks:

Apply Factorial Function:

- Use the `FACT ()` function to find the factorial of all values in **Column A**.

Apply Power Function:

- Use the `POWER ()` function to raise **Number 1** to the power of **Number 2** in all rows.

Use Quotient Function:

- Calculate the **quotient** when **Number 1** is divided by **Number 2**.

Find the Remainder Using MOD():

- Find the remainder of **Number 1** divided by **Number 2** using the `MOD ()` function.

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Resultant Dataset:

Number 1	Number 2	Factorial (FACT)	Exponentiation (POWER)	Quotient (QUOTIENT)	Remainder (MOD)
5	2	120	25	2	1
7	3	5040	343	2	1
6	4	720	1296	1	2
9	5	362880	59049	1	4
10	2	3628800	100	5	0
8	3	40320	512	2	2
12	4	479001600	20736	3	0
15	3	1.30767E+12	3375	5	0
11	4	39916800	14641	2	3
14	5	87178291200	537824	2	4
18	3	6.40237E+15	5832	6	0
20	6	2.4329E+18	64000000	3	2
13	2	6227020800	169	6	1
25	7	1.55112E+25	6103515625	3	4
30	8	2.65253E+32	6.561E+11	3	6

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