

**Factorial**

**Part - A**

1) Express 91! in terms of 86!

2) Express 25! in terms of 20!

**91! = 91.90.89.88.87.86!**

3) Express 37! in terms of 33!

4) Express 4! in terms of 2!

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5) Express 51! i

in terms of 74!

Write in simplest

1) 59.58.57.56!

**59.58.5**

3) 40.39.38.37.36.35!

4) 82.81.80.79.78!

5) 16.15.14!

6) 99.98!

Name : \_\_\_\_\_

**Answer key**

**Factorial**

Sheet 5

**Part - A**

1) Express 91! in terms of 86!

**$91! = 91.90.89.88.87.86!$**

2) Express 25! in terms of 20!

**$25! = 25.24.23.22.21.20!$**

3) Express 37! in terms of 33!

**$37! = 37.36.35.34.33!$**

4) Express 4! in terms of 2!

**$4! = 4.3.2!$**

5) Express 51! in terms of 47!

**$51! = 51.50.49.48.47!$**

6) Express 76! in terms of 74!

**$76! = 76.75.74!$**

Write in simplest form

1)  $59.58.57.56!$

**$59.58.57.56.55.54.53.52.51.50.49.48.47.46.45.44.43.42.41.40.39.38.37.36.35.34.33.32.31.30.29.28.27.26.25.24.23.22.21.20!$**

3)  $40.39.38.37.36.35!$

**$40.39.38.37.36.35! = 40!$**

4)  $82.81.80.79.78!$

**$82.81.80.79.78! = 82!$**

5)  $16.15.14!$

**$16.15.14! = 16!$**

6)  $99.98!$

**$99.98! = 99!$**

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