

Factorial

Part - A

1) Express 63! in terms of 61!

2) Express 96! in terms of 93!

$63! = 63.62.61!$

3) Express 84! in terms of 82!

4) Express 72! in terms of 67!

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5) Express 49! i

in terms of 16!

Write in simplest

1) 75.74.73!

$75.74.$

3) 87.86!

4) 27.26.25!

5) 35.34.33.32!

6) 53.52.51.50.49.48!

Name : _____

Answer key

Factorial

Sheet 4

Part - A

1) Express 63! in terms of 61!

$63! = 63.62.61!$

2) Express 96! in terms of 93!

$96! = 96.95.94.93!$

3) Express 84! in terms of 82!

$84! = 84.83.82!$

4) Express 72! in terms of 67!

$72! = 72.71.70.69.68.67!$

5) Express 49! in terms of 16!

$49! = 49.48.47.46.45.44.43.42.41.40.39.38.37.36.35.34.33.32.31.30.29.28.27.26.25.24.23.22.21.20.19.18.17.16!$

in terms of 16!

$49! = 49.48.47.46.45.44.43.42.41.40.39.38.37.36.35.34.33.32.31.30.29.28.27.26.25.24.23.22.21.20.19.18.17.16!$

Write in simplest form

1) $75.74.73!$

$75.74.73! = 75!$

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$7.6.5! = 9!$

3) $87.86!$

$87.86! = 87!$

4) $27.26.25!$

$27.26.25! = 27!$

5) $35.34.33.32!$

$35.34.33.32! = 35!$

6) $53.52.51.50.49.48!$

$53.52.51.50.49.48! = 53!$