

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

## Arrange & Order

Multi Variables: S1

A) Arrange the following expressions in an increasing order for the given value in each problem.

1)  $y^2 + 3xy - 9$ ,  $\frac{y}{6} + 1$ ,  $2xy(5x - 2)$ ,  $x^2y + 5$  at  $x = 1, y = 3$

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2)  $2m^2n(4m + 5)$ ,  $3mn^3$ ,  $(m + 2)(n - 3)$  at  $m = 1, n = 2$

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3)  $2abc + 4$ ,  $3a^2$  at  $c = 1$

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B) Arrange the following expressions in an increasing order for the given value in each problem.

1)  $(c - d)(2c + d)$ , \_\_\_\_\_

2)  $(p + q)(p - r)$ , \_\_\_\_\_

3)  $x^2yz$ ,  $xy(x^2z)$ ,  $xy^2z$  at  $x = 5, y = 3, z = 10$

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