

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

**Arrange & Order**

Single Variable: S5

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

1)  $b^2 + 7$ ,  $(3b - 5)(b + 2)$ ,  $4b^3 + 2b^2 - b + 10$  at  $b = -1$

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2)  $(t - 3)(t + 8)$ ,  $t^2 - 2t + 6$ ,  $t^2 + 2t + 3$  at  $t = 6$

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3)  $s^3 - 2s^2 + 1$ ,  $4s$

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

1)  $(2u - 7)(u + 5)$

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2)  $4p - 6$ ,  $2p^2 -$

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3)  $s^3 - 2$ ,  $s + 3$ ,  $\frac{s}{2} - 1$ ,  $(s + 5)(s - 4)$  at  $s = -2$

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