

**Quiz 6****Name:** \_\_\_\_\_**Total Points possible: 10****Math 12: Spring 2025**

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**Instructions:** Each question is worth 3 points but the last question. Question 3 is worth 1 point. **Show all your work in order to receive credit.**

**Problem 1.** Distribute and simplify.

(a)  $4(3x + y - 7z + v^0)$

**Problem 2.** Simplify with positive exponent.  $\left(\frac{x^2c^0b^{-4}}{x^4b^4}\right)^{-2}$

**Problem 3.** Simplify  $2x + 10x + x$

**Problem 4.** How do you feel about this quiz?