

UNIVERSITY OF MANITOBA

Quiz 4A

COURSE: MATH 1210

DATE & TIME: Mar 1/2/3, 10 Minutes

DURATION: IN LABS

EXAMINER: Borgersen/Kristel

PAGE: 2 of 2

---

- [6] 1. Solve the following matrix equation for  $x$ :

$$\begin{bmatrix} 1 & 2 & 3 \\ \frac{3}{2} & x & -5 \\ 2 & 9 & 4 \end{bmatrix} \begin{bmatrix} 1 \\ 2 \\ 3 \end{bmatrix} = \begin{bmatrix} 14 \\ 0 \\ 1210 \end{bmatrix}$$