



## Preview Test: Final Exam Math 244/May 2020

## Test Information

Description

Instructions


Timed Test This test has a time limit of 2 hours and 45 minutes. This test will save and submit automatically when the time expires.  
Warnings appear when **half the time, 5 minutes, 1 minute, and 30 seconds** remain.  
*[The timer does not appear when previewing this test]*

Multiple Attempts This test allows 2 attempts. This is attempt number 1.

Force This test can be saved and resumed at any point until time has expired. The timer will

Question Completion Status:

prohibited.

 Moving to the next question prevents changes to this answer.

Question 1 of 26 


## Question 1


1 points

Save Answer

If  $T^{-1}: \mathbb{R}^2 \rightarrow \mathbb{R}^2$ ,  $T^{-1}(x_1, x_2) = (w_1, w_2)$  is defined by  $w_1 = 2x_1 - x_2$ , then  $w_2 = -3x_1 + 2x_2$

- A.  $T(w_1, w_2) = (2w_1 - w_2, -3w_1 + 2w_2)$
- B.  $T(w_1, w_2) = (-2w_1 + w_2, 3w_1 - 2w_2)$
- C.  $T(w_1, w_2) = (-2w_1 - w_2, -3w_1 - 2w_2)$
- D.  $T(w_1, w_2) = (2w_1 + w_2, 3w_1 + 2w_2)$

 Moving to the next question prevents changes to this answer.

Question **1** of **26** 

 Question Completion Status: