

# FINAL EXAMINATION

February 2026

TRU 211 ● SECTION 02

**INSTRUCTOR:** GEORGE M. M. A. QU

This is a self-scheduled **Final** exam due on 2/10 at 11:59pm (unless you have special accommodations and you have contacted your instructor to establish an alternate due date).

YOU MAY USE TWO 8.5"x11" SHEETS OF NOTES ON THIS EXAM.  
YOU MAY NOT USE THE TEXTBOOK, A COMPUTER, OR ANY OTHER  
INFORMATION SOURCE BESIDES YOUR TWO PAGES OF NOTES.

*All work should be written in the exam booklet.  
Partial credit will be granted where appropriate if intermediate steps are shown.*

1. Solve the following addition problems. Show your work

$$\begin{array}{r} 9 \\ + 3 \\ \hline \end{array}$$

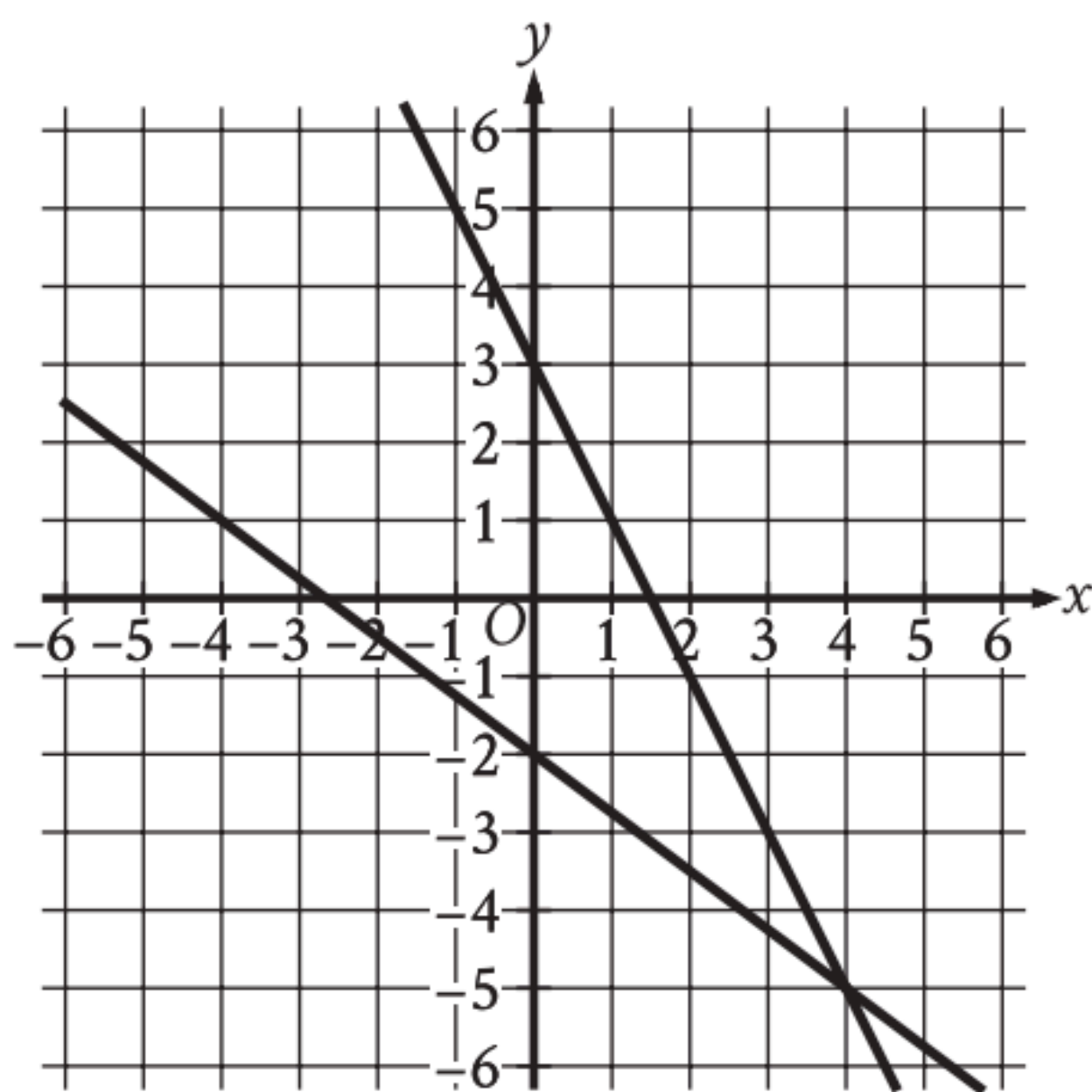
$$\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 1 \\ \hline \end{array}$$

2



The graph of a system of linear equations is shown.  
What is the solution  $(x, y)$  to the system?

- A)  $(4, -5)$
- B)  $(0, 3)$
- C)  $(0, -2)$
- D)  $(-2, 3)$



Sources: Vaccination data from local governments via Our World in Data; income classifications and gross domestic product data from the World Bank. | Note: Data is as of Dec. 8.

Glossary: G.D.P. per capita is the Gross Domestic Product, or wealth of a country divided by its population size.

What mark(s) are used in the visualization?

☐ Points

☐ Lines

☐ Areas

**4.** Based on the question below, please write a short response under 300 words.

**Do questions have right answer?**

# Reference

- Smith College CSC 212 Spring 2017sections 02 Final Exam
- Smith College MTH 211 Fall 2024 Midterm 2
- The Math worksheet generator
- College Board SAT Practice #10
- Smith College CSC 235 Spring 2026 HW 1
- Critical Think Lab in University of Hong Kong