

ICS 6D—Winter 2024 (Dillencourt)
Practice problems for Final Exam - Part 3

On the final exam, there will be a few multiple choice questions.

There will be two type of multiple-choice questions.

Select the correct response: In these questions, there is exactly one correct response. As visual feedback, each response is preceded by a circle. To select your response, fill in the circle next to the response you want to select as your answer. To receive full credit, you need to select the correct response (and not select any other responses).

Select all correct responses: In these questions, there may be more than one correct response (although there might be just one.) As visual feedback, each response is preceded by a square. To select a response fill in the square next to the response. To receive full credit, you need to select all correct responses (and not select any incorrect responses).

A few examples of each type appear below.

In each of problems 1 through 2, choose the correct response.

1. What is the value of $(-17) \div 3$?
 - 0
 - 2
 - 4
 - 6
 - None of the above answers are correct
2. What is the value of $-(17 \div 3)$?
 - 0
 - 2
 - 4
 - 6
 - None of the above answers are correct

In each of problems 3 through 5, select all correct responses.

3. Which of the following numbers are congruent to 1 mod 7?
 - 1
 - 7
 - 8
 - 9
 - 15
 - None of the above answers are correct

4. Which of the following numbers are congruent to 2 mod 7?

- 1
- 7
- 8
- 9
- 15
- None of the above answers are correct

5. Which of the following numbers are congruent to 3 mod 7?

- 1
- 7
- 8
- 9
- 15
- None of the above answers are correct