

Name: \_\_\_\_\_

# CIS 351 Sample NR4 Problem

1 September 2025

## NR4: Other Number Bases

Note: To receive credit, you *must* show your work.

(a) Convert  $2011_3$  from base 3 to decimal:

(b) Convert 172 from decimal to base 4:

# CIS 351 Sample NR4 Problem Solutions

Mon 19<sup>th</sup> Jan, 2026

## NR4: Other Number Bases

Note: To receive credit, you *must* show your work.

(a) Convert  $2011_3$  from base 3 to decimal: **58**

(b) Convert 172 from decimal to base 4:  **$2230_4$**