

Homework 2
(501110-2) Introduction to Problem Solving
Fall 2023

Due: Saturday October 7, 2023, 11:59 p.m. via Blackboard.

▪ **Question 1**

$$1 - 2 - 3 =$$

$$1 - (2 - 3) =$$

$$1 + 2 * 3 + 4 =$$

$$(1 + 2) * 3 + 4 =$$

$$24 / 2 * 4 =$$

$$24 / (2 * 4) =$$

$$5 + 4 \% 7 / 2 =$$

$$5 + 4 \% (7 / 2) =$$

$$(5 + 4) \% (7 / 2) =$$

▪ **Question 2**

Integer z, y=-3

$$z = 8 - 3 + 7 / 2 + 3 * -y$$

$$z = 8 - (3 + 7 / 2) + 3 * -y$$

▪ **Question 3**

Given integer variables a, b, c, d, and e, where a = 1, b = 2, c = 3, d = 4, evaluate the following expressions:

$$a + b - c + d$$

$$a * b / c$$

$$1 + a * b \% c$$

$$a + d \% b - c$$

$$e = d + c / b - a$$