

DX 603 – Spring 2026 – Homework 03 Solutions

Solution Sheet — Accepted Answer Ranges

Problem	Accepted Range	Notes
a1a	140	Exact integer match
a1b	62.1446 – 93.2168	±20% of 77.6807
a1c	2	Exact integer match
a1d	4	Exact integer match
a1e	3	Exact integer match
a2a	392	Exact integer match
a2b	1.9358 – 2.9038	±20% of 2.4198
a2c	2.4 – 3.6	±20% of 3.0
a2d	0.072 – 0.108	±20% of 0.09

Interpretation for Students

- **Integer answers** must match exactly.
- **Decimal answers** may fall anywhere within the stated range and still receive full credit.