

Life in Quadania

Part A

$$21.302_4 = 1001.11001_2$$

$$31210_4 = 364_{16}$$

$$123.21_4 = 33.44_8$$

$$DA91_{16} = 31222101_4$$

$$15.25_8 = 31.111_4$$

$$197_{10} = 3011_4$$

$$32.21_4 = 14.5625_{10}$$

$$4^{13} = 64\text{million}_{10} (67, 108, 864)$$

Part B

	3 1	1 2 3	2 2 1	1 2 3
	<u>+ 2 3</u>	<u>+ 3 2 1</u>	<u>+ 2 3 2</u>	<u>+ 1 2 3</u>
	120	110	113	312
signed error?	NO	signed error? NO	signed error? YES	signed error? YES
unsigned error?	NO	unsigned error? YES	unsigned error? YES	unsigned error? NO

Part C

