

HWK #7, DUE WEDNESDAY NOVEMBER 19TH

5.1: 6, 12, 16, 18, 24, 25, 26

5.2: 6, 8, 12, 16, 24

5.3: 4, 6, 8, 16

Just for fun:

Suppose you have nine coins with the property that if you put any coin aside then the remaining eight coins can be separated into two groups of four coins and both groups of four coins have the same total weight. Show that every coin must have the same weight.