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14. Weights: 6,7,4,3,6. Limit: 10.

First fit.

Bin 1: 6,3; Bin 2: 7; Bin 3: 4, 6.

15. Sorted weights 7, 6, 6, 4, 3. Limit: 10.

Worst fit decreasing.

Bin 1: 7; Bin 2: 6, 4; Bin 3: 6, 3.

(b) one bin is holding a full 10 lbs.

16. Sorted weights: 8, 6, 5, 5, 4, 3, 2, 1. Limit: 10.

First fit decreasing.

Bin 1: 8, 2; Bin 2: 6, 4; Bin 3: 5, 5; Bin 4: 3, 1.