

The Biggest Loser & Percentages

Week 8 Contestants, 2009



Andrew

Starting Weight: 144.2 kg
 Target Weight: 90.0 kg
 Week 7 Weight: 110.4 kg
 Week 8 Weight: 107.0 kg



Bob

Starting Weight: 167.8 kg
 Target Weight: 85.0 kg
 Week 7 Weight: 114.9 kg
 Week 8 Weight: 113.9 kg



Cameron

Starting Weight: 164.1 kg
 Target Weight: 90.0 kg
 Week 7 Weight: 132.0 kg
 Week 8 Weight: 127.4 kg



Julie

Starting Weight: 123.4 kg
 Target Weight: 75.0 kg
 Week 7 Weight: 96.1 kg
 Week 8 Weight: 94.9 kg



Meaghan

Starting Weight: 109.6 kg
 Target Weight: 70.0 kg
 Week 7 Weight: 84.8 kg
 Week 8 Weight: 81.9 kg



Nathan

Starting Weight: 145.2 kg
 Target Weight: 90.0 kg
 Week 7 Weight: 109.3 kg
 Week 8 Weight: 109.2 kg



Sammy

Starting Weight: 118.6 kg
 Target Weight: 60.0 kg
 Week 7 Weight: 91.8 kg
 Week 8 Weight: 89.1 kg



Sean

Starting Weight: 132.5 kg
 Target Weight: 85.0 kg
 Week 7 Weight: 95.8 kg
 Week 8 Weight: 92.8 kg



Tiffany

Starting Weight: 113.6 kg
 Target Weight: 60.0 kg
 Week 7 Weight: 83.8 kg
 Week 8 Weight: 82.2 kg



Sharif

Starting Weight: 178.3 kg
 Target Weight: 90.0 kg
 Week 7 Weight: 137.6 kg
 Week 8 Weight: 132.9 kg

- For each contestant, find their percentage loss for Week 8.

Weight loss in Week 8 = Week 7 Weight – Week 8 Weight

Example for Andrew,

$$\% \text{ Weight loss in Week 8} = \frac{\text{Weight loss in Week 8}}{\text{Week 7 Weight}} \times 100\%$$

$$\text{Weight loss in Week 8} = 110.4 - 107.0 = 3.4 \text{ kg}$$

$$\% \text{ Weight loss in Week 8} = \frac{3.4}{110.4} \times 100\%$$

- Who was the biggest loser in Week 8?

Extra

- For each contestant find the percentage loss required to reach their target weight.

The Biggest Loser web-site: www.thebiggestloser.com.au

Solutions

	Andrew	Bob	Cameron
Starting	144.2	167.8	164.1
Target	90.0	85.0	90.0
Week 7	110.4	114.9	132.0
Week 8	107.0	113.9	127.4
% Loss	3.08%	0.87%	3.48%
Extra	38%	49%	45%

biggest loser

	Julie	Meaghan	Nathan	Sammy
Starting	123.4	109.6	145.2	118.6
Target	75.0	70.0	90.0	60.0
Week 7	96.1	84.8	109.3	91.8
Week 8	94.9	81.9	109.2	89.1
% Loss	1.25%	3.42%	0.09%	2.94%
Extra	39%	36%	38%	49%

	Sean	Tiffany	Sharif
Starting	132.5	113.6	178.3
Target	85.0	60.0	90.0
Week 7	95.8	83.8	137.6
Week 8	92.8	82.2	132.9
% Loss	3.13%	1.91%	3.42%
Extra	36%	47%	50%

Data sourced from Wikipedia:

http://en.wikipedia.org/wiki/The_Biggest_Loser_Australia:_Couples#Weigh-ins

and

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