

The Biggest Loser & Percentages

Week 6 Contestants



Blue Team



Alison

Start Weight: 121.7 kg
Target Weight: 60.0 kg
Week 5 Weight: 97.8 kg
Week 6 Weight: 95.0 kg



Kirsten

126.8 kg
70.0 kg
100.1 kg
97.3 kg



Sam

154.6 kg
93.0 kg
121.9 kg
119.2 kg

Red Team



Nicola

Start Weight: 112.6 kg
Target Weight: 70.0 kg
Week 5 Weight: 92.5 kg
Week 6 Weight: 92.2 kg



Cosi

140.8 kg
90.0 kg
109.2 kg
107.8 kg



Garry

206.2 kg
120.0 kg
168.7 kg
165.0 kg

Black Team



Carrienne

Start Weight: 110.0 kg
Target Weight: 70.0 kg
Week 5 Weight: 97.3 kg
Week 6 Weight: 95.1 kg



Michelle

120.7 kg
75.0 kg
105.0 kg
101.8 kg



Bryce

139.2 kg
85.0 kg
115.2 kg
109.5 kg



JJ

131.6 kg
85.0 kg
119.1 kg
116.8 kg

- For each contestant, find their percentage loss for Week 6.

Weight loss in Week 6 = Week 5 Weight – Week 6 Weight

$$\% \text{ Weight loss in Week 6} = \frac{\text{Weight loss in Week 6}}{\text{Week 5 Weight}} \times 100\%$$

Example for Alison,

$$\begin{aligned} \text{Weight loss in Week 6} &= 97.8 - 95.0 \\ &= 2.8 \text{ kg} \end{aligned}$$

$$\% \text{ Weight loss in Week 6} = \frac{2.8}{97.8} \times 100\%$$

- Who was the biggest loser in Week 6?

Extra

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

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

Solutions

	Blue			
	Alison	Kirsten	Sam	
Starting	122	127	154.6	
Target	60	70	93	
Week 5	98	100	121.9	
Week 6	95	97	119.2	
% Loss	2.86%	2.80%	2.21%	
Extra	51%	45%	40%	
	Red			
	Nicola	Cosi	Garry	
Starting	112.6	140.8	206.2	
Target	70	90	120	
Week 5	92.5	109.2	168.7	
Week 6	92.2	107.8	165	
% Loss	0.32%	1.28%	2.19%	
Extra	38%	36%	42%	
	Black			
	Carrienne	Michelle	Bryce	JJ
Starting	110	120.7	139.2	131.6
Target	70	75	85	85
Week 5	97.3	105	115.2	119.1
Week 6	95.1	101.8	109.5	116.8
% Loss	2.26%	3.05%	4.95%	1.93%
Extra	36%	38%	39%	35%
			biggest loser	