

Team # KEYTeam Name KEY**Hog Feeding and Performance Evaluation Team Problem**

Price in \$/cwt for Pork Carcasses based upon their Backfat and Loineye Area Measurements

<u>Backfat, inches</u>	<u>-----Loineye Area in Square Inches-----</u>				
	<u>4.0</u>	<u>5.0</u>	<u>6.0</u>	<u>7.0</u>	<u>8.0</u>
0.5	\$40.00	\$42.00	\$45.00	\$46.00	\$46.00
0.7	\$40.00	\$40.00	\$42.00	\$45.00	\$46.00
0.9	\$38.00	\$40.00	\$40.00	\$42.50	\$45.50
1.1	\$36.00	\$38.00	\$40.00	\$40.00	\$44.00
1.3	\$32.50	\$36.00	\$37.00	\$38.00	\$39.50

Carcass Weight Discounts per Cwt from Above Prices

<u>Carcass Weight</u>	<u>Discount per Cwt</u>
140-149	-\$20.00
150-169	-\$8.00
170-189	0
190-209	-\$2.00
210-219	-\$3.00

Write an answer in each box below. Turn in one completed sheet per team.
There are 10 boxes to be filled in.

Number	Live Weight	Carcass Weight	Backfat	Loineye Area	Carcass Price/Cwt	Dollars Per Head
1	246	184	0.7	6.0	\$42.00	\$ 77.28
2	235	179	0.7	7.0	\$ 45.00	\$80.55
3	272	194	0.5	5.0	\$40.00	\$77.60
4	232	171	0.9	4.0	\$38.00	\$64.98
5	242	182	1.3	7.0	\$38.00	\$69.16
Total	1227	910				\$369.57

What is the Dressing Percent of Pig Number 2? %, round to nearest 0.1%

If Pig Number 4 had a carcass weight of 151 pounds, how much would he be worth per head?

\$ (round to nearest \$.01)What is the Weighted Average Carcass Price (\$/Cwt) for the group? \$ /Cwt,
round to nearest \$.01If the Average beginning weight of the pigs was 75 pounds and they were sold after 93 days on feed, what was the Average Daily Gain? Lbs per day, round to nearest 0.01 pound

If these 5 pigs consumed 2750 pounds of feed while on feed, what was their feed efficiency?

 Pounds of Feed per Pound of Gain, round to nearest .01 pound