

**Adjusted 205 Day Weight and Percet Efficiency Worksheet - Youth (Black) Example**

Birth Date	<u>2/7/2016</u>	Calf's Birth Weight	<u>77</u>
Today's Date	<u>7/30/2016</u>	Calf's Weight Today	<u>482</u>
# of Days Old	<u>174</u>	Cow's Weight Today	<u>1224</u>

**Adjusted 205 Weight Calculation**

1. Weight of Calf			<u>482</u>
2. Minus Birth Weight			
Results of from 1 above			<u>482</u>
Less birth weight of calf	-		<u>77</u>
Equal calfs weight gained	=		<u>405</u>
3. Divided by Days of Age			
Results of from 2 above			<u>405</u>
Divided by # of days old	/		<u>174</u>
Equal average daily gain	=		<u>2.33</u>
4. Multiply by 205			
Results of from 3 above			<u>2.33</u>
Multiply by 205	x		<u>205</u>
Gain at 205 days	=		<u>477.16</u>
5. Add back Birth Weight			
Results of from 4 above			<u>477.16</u>
Birth Weight	+		<u>77</u>
<b>Adjusted 205 weight</b>	=		<b><u>554.16</u></b>

**Efficiency Percentage Calculation**

A. Adjusted 205 weight of the calf			<u>554.16</u>
B. Divided by today's weight of the cow			
Results of from A above			<u>554.16</u>
Divided by Weight of Cow	/		<u>1224</u>
	=		<u>0.45</u>
C. Multiply by 100			
Results of from B above			<u>0.45</u>
Multiply by 100	x		<u>100</u>
<b>Percent Efficiency</b>	=		<b><u>45.27</u></b>

What is sex of calf?	<u>Heifer</u>	<u>Steer</u>	<u>Bull</u>
Result from C above	2.26		-2.26
Adjustment	5%	None	-5%
<b>Adjusted Efficiency</b>	<b><u>47.54</u></b>		<b><u>43.01</u></b>