Chicken Riddle

Grade Level: 4-8

Lesson Overview

How many chickens will the average American consume in their lifetime? Make math fun as your students complete a series of 3-digit addition and subtraction equations. If they solve the problems correctly, they will be able to answer the riddle!

Student Objective

1. Demonstrate computation skills to answer problems.

Materials

✓ Chicken Riddle Worksheet

Background Information

Top 10 poultry meat consumers (kg/per capita)

1.	Israel	58.5
2.	United States	49.8
3.	Malaysia	46.7
4.	Australia	43.9
5.	Brazil	40.6
6.	Argentina	40.4
7.	Saudi Arabia	40.0
8.	New Zealand	37.4
9.	Chile	36.1
10.	South Africa	36.1

Source: OECD FAO Agricultural Outlook 2018-2027, 2018 estimates

Procedure

Have the students complete the Chicken Riddles Worksheet. For a quick interest approach, the teacher could invite the class to share their guesses as to the answer of the Chicken Riddle. Then, the teacher could either list the students' names and

guesses on the board or students could write their name and guess on a slip of paper and turn it in. After the activity, the closest guess wins a prize!

Additional Resources

https://youtu.be/AhU6yQoPx7o short video on meat consumption

Standards

Chicken Riddle Worksheet

Write the sum or difference of each of the equations below and cross off each answer in the chicken. The number that remains is the answer to the riddle.
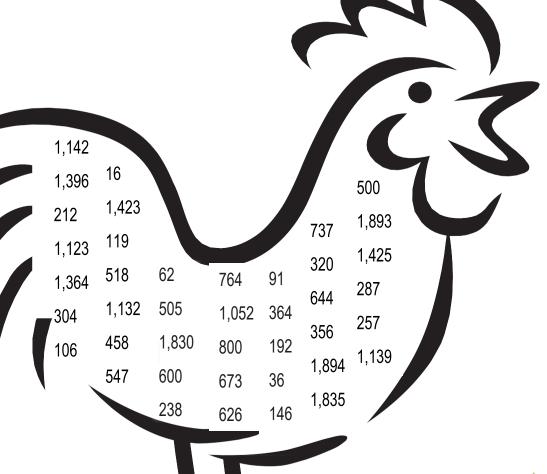
Riddle: How many chickens will the average American consume in their lifetime?
Answer: _____

123 + 134 =	_____	495 + 269 =	_____
935 + 204 =	_____	843 + 209 =	_____
620 + 805 =	_____	849 + 293 =	_____
703 + 693 =	_____	493 + 307 =	_____
199 + 306 =	_____	429 + 935 =	_____
103 + 397 =	_____	253 + 420 =	_____
294 + 829 =	_____	938 + 194 =	_____
947 + 946 =	_____	120 + 506 =	_____
205 + 395 =	_____	894 + 941 =	_____
936 + 894 =	_____	935 + 959 =	_____
960 - 854=	_____	120 – 104 =	_____
704 – 642 =	_____	943 – 206 =	_____
492 – 205 =	_____	732 – 641 =	_____
832 – 528 =	_____	830 – 372 =	_____
730 – 492 =	_____	820 - 302 =	_____
937 – 293 =	_____	610 – 290 =	_____
938 – 391 =	_____	956 – 592 =	_____
647 – 291 =	_____	650 – 458 =	_____
739 – 620 =	_____	839 – 693 =	_____
201 – 165 =	_____	932 – 720 =	_____

Chicken Riddle Worksheet

1,142

1,396   16

212   1,423   500

1,123   119   737   1,893

1,364   518   62   764   91   320   1,425

304   1,132   505   1,052   364   644   287

106   458   1,830   800   192   356   257

547   600   673   36   1,894   1,139

238   626   146   1,835

Chicken Riddle ANSWER KEY

Write the sum or difference of each of the equations below and cross off each answer in the chicken. The number that remains is the answer to the riddle.

Riddle: How many chickens will the average American consume in their lifetime?
Answer: **1,423**

123 + 134 =	**257**	495 + 269 =	**764**
935 + 204 =	**1139**	843 + 209 =	**1052**
620 + 805 =	**1425**	849 + 293 =	**1142**
703 + 693 =	**1396**	493 + 307 =	**800**
199 + 306 =	**505**	429 + 935 =	**1364**
103 + 397 =	**500**	253 + 420 =	**673**
294 + 829 =	**1123**	938 + 194 =	**1132**
947 + 946 =	**1893**	120 + 506 =	**626**
205 + 395 =	**600**	894 + 941 =	**1835**
936 + 894 =	**1830**	935 + 959 =	**1894**
960 – 854 =	**106**	120 – 104 =	**16**
704 – 642 =	**62**	943 – 206 =	**737**
492 – 205 =	**287**	732 – 641 =	**91**
832 – 528 =	**304**	830 – 372 =	**458**
730 – 492 =	**238**	820 - 302 =	**518**
937 – 293 =	**644**	610 – 290 =	**320**
938 – 391 =	**547**	956 – 592 =	**364**
647 – 291 =	**356**	650 – 458 =	**192**
739 – 620 =	**119**	839 – 693 =	**146**
201 – 165 =	**36**	932 – 720 =	**212**