

Make a bar graph to compare the colors and sizes of the apples.

| 9 |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| 8 |  |  |  |  |
| 7 |  |  |  |  |
| 6 |  |  |  |  |
| 5 |  |  |  |  |
| 4 |  |  |  |  |
| 3 |  |  |  |  |
| 2 |  |  |  |  |
| 1 |  |  |  |  |
|  |  |  |  |  |

Measure around the middle of 1 large apple:
$\qquad$ inches $\qquad$ centimeters

Weigh 1 large apple:
$\qquad$ ounces $\qquad$ grams

How many apples does it take to make:
1 pound = $\qquad$ apples

250 grams = $\qquad$ apples


You need to design a box that will hold 12 large apples. What are the dimensions of your box?
$\qquad$ height $\qquad$ length $\qquad$ width

Draw how you will organize your apples below.

What other size boxes could you use? Draw them below.

Weigh 1 apple. $\qquad$ ounces.
How much will 12 apples weigh?

Answer questions about the bar chart below:


What is the weight of red apples produced in 2005? $\qquad$
What apple did the farm decide to grow more of each year? $\qquad$ What years did the farm produce the same weight of apples?
$\qquad$ and $\qquad$
Estimate the weight of Golden apples produced in 2015.

