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Exercise:

A food company the produces peanut butter decides to try out a new version of its peanut butter that is extra chunky, using twice the number of peanut chunks as normal. The company hosts a sampling of its new product at grocery stores and finds that **5 out of every 9 customers prefer the new crunchy version over the regular peanut butter**.

- a. The ratio of number preferring Crunchy PB to the Total Surveyed is _____ b. The ratio of number preferring Regular PB to the Total Surveyed is _____ c. The ratio of number preferring Regular PB to the Crunchy PB is _____ d. The ratio of number preferring Crunchy PB to the Regular PB is _____ ___ of the Total Surveyed. The number preferring Crunchy PB is i. William to those your the state of the task, the contractor for the and the said of wear discourse the region of some The number preferring Regular PB is ii. — of the Total Surveyed. Committee of the second of the number preferring Crunchy PB. The number preferring Regular PB is iii. and the second The number preferring Crunchy PB is -— of the number preferring Regular PB. iv. I. Express the ratio of number preferring Regular PB to the Crunchy PB as a **decimal**. and the arrangement of the second control of
- II. Express the ratio of number preferring Crunchy PB to the Regular PB as a **decimal**.

Solve the following problems using BAR DIAGRAMS .
1. If the company decides to produce 2,000 containers of Regular PB, how many containers of the Crunchy PB would it produce?
9. If the company, decides to produce 6.200 Total Containers of DD, herry many containers of Decides
2. If the company decides to produce 6,300 Total Containers of PB, how many containers of Regular PB would it produce?
3. If the company produced 300 more containers of Crunchy PB than Regular PB, how many total containers would it produce?
containers would it produce:

Exercise:

A food company the produces peanut butter decides to try out a new version of its peanut butter hat is extra chunky, using twice the number of peanut chunks as normal. The company hosts a sampling of its new product at grocery stores and finds that 5 out of every 9 customers prefer the new crunchy version over the regular peanut butter.

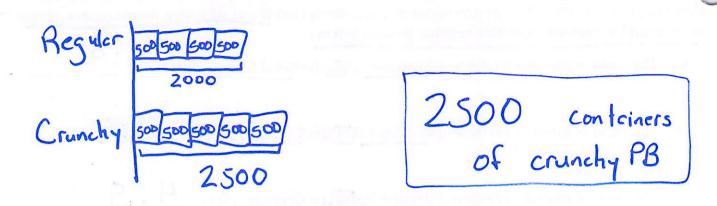
- a. The ratio of number preferring Crunchy PB to the Total Surveyed is _
- b. The ratio of number preferring Regular PB to the Total Surveyed is $\frac{4}{9}$:
- c. The ratio of number preferring Regular PB to the Crunchy PB is
- d. The ratio of number preferring Crunchy PB to the Regular PB is
- i. The number preferring Crunchy PB is of the Total Surveyed. tellini ti maneriya
- a cartain they amake, and the we The number preferring Regular PB is of the Total Surveyed.
- iii. The number preferring Regular PB is of the number preferring Crunchy PB.
- iv. The number preferring Crunchy PB is
- of the number preferring Regular PB.
- Express the ratio of number preferring Regular PB to the Crunchy PB as a decimal. I.

Express the ratio of number preferring Crunchy PB to the Regular PB as a decimal. II.

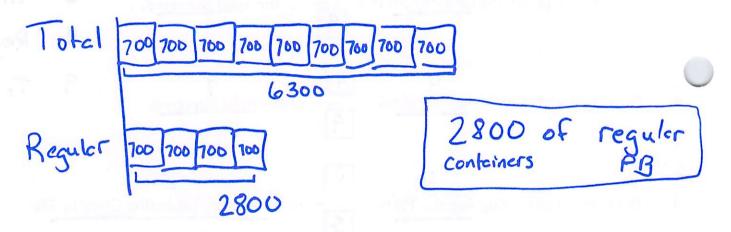
$$5:4 \frac{5}{4} = 1.25$$

Solve the following problems using **BAR DIAGRAMS**.

1. If the company decides to produce 2,000 containers of Regular PB, how many containers of the Crunchy PB would it produce?



2. If the company decides to produce 6,300 Total Containers of PB, how many containers of Regular PB would it produce?



3. If the company produced $3\underline{00}$ more containers of Crunchy PB than Regular PB, how many total containers would it produce?