

Name: _____

Adding and Subtracting Fractions Word Problems

The staff at Johanna's Bakery is preparing baked goods for a busy Saturday afternoon.

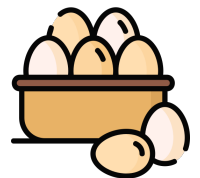
- 1.) Johanna has $4\frac{1}{2}$ sacks of sugar in her pantry and she is expecting another $5\frac{1}{2}$ sacks to be delivered. After the delivery arrives, how many sacks of sugar will Johanna have?



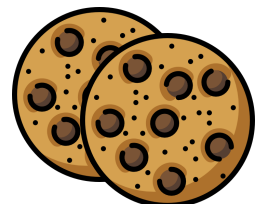
- 2.) There are 12 trays of vanilla cupcakes available for sale. If one customer purchases $1\frac{5}{8}$ trays of cupcakes and another customer purchases $3\frac{1}{8}$ trays of cupcakes, how many trays of vanilla cupcakes are still available?



- 3.) Johanna has $5\frac{3}{4}$ boxes of eggs in her refrigerator. If her assistant, Roxanne, takes $\frac{1}{4}$ boxes of eggs to make brownies and her other assistant, DJ, takes $1\frac{1}{4}$ boxes of eggs to make bread, how many boxes of eggs were left over?



- 4.) Johanna's bakery has two identical display cases for her famous chocolate chip cookies. By mid-afternoon, the first display case is only $\frac{5}{9}$ filled with cookies and the other display case is only $\frac{2}{9}$ filled with cookies. What fraction of the display cases are now empty?



ANSWER KEY

1.) Johanna will have 10 sacks of sugar.

2.) $7\frac{2}{8}$ or $7\frac{1}{4}$ trays of cupcakes are left over.

3.) $4\frac{1}{4}$ boxes of eggs are left over.

4.) $1\frac{2}{9}$ of the display cases are empty.