

Fraction word problems

Grade 3 Math Word Problems Worksheet

Read and answer each question.

Hannah's Heaven's Delight cake and pastry shop will be having its 10th anniversary. On the day of the celebration, all bakery goods will be sold at half the regular price.

1. Hannah bought 100 lbs of strawberries, 70 lbs of which was used in making Strawberry Overload cakes. What fraction of the Strawberries was used for Strawberry Overload cakes?
2. During the first five minutes, 6 of the 8 slices of one Strawberry Overload cake were sold. What fraction of the Strawberry Overload cake was sold during the first five minutes?
3. 8 of 12 slices of a large apple pie were sold in the first 10 minutes. What fraction of the apple pie was sold in the first 10 minutes?
4. 12 of the 15 boxes of chocolate chip cookies were sold. What fraction of boxes of chocolate chip cookies was sold during the super sale period?
5. On the other hand, 15 of the 20 boxes of oatmeal cookies were sold during the super sale period. Which of the two types of cookies (oatmeal or chocolate chip) have a greater fraction sold during the sale?

Answers:

1. 70 out of 100 = $\frac{70}{100}$ or simply $\frac{7}{10}$
 $\frac{7}{10}$ of the strawberries were used.
2. 6 out of 8 = $\frac{6}{8}$ or simply $\frac{3}{4}$
 $\frac{3}{4}$ of the Strawberry Overload cake was sold during the first 5mins.
3. 8 out of 12 = $\frac{8}{12}$ or simply $\frac{2}{3}$
About $\frac{2}{3}$ of the apple pie was sold during the first 10 minutes.
4. 12 out of 15 = $\frac{12}{15}$ or simply $\frac{4}{5}$
 $\frac{4}{5}$ of the chocolate chip cookie boxes were sold during the sale.
5. Oatmeal: 15 out of 20 = $\frac{15}{20}$ or simply $\frac{3}{4}$
Chocolate chip: $\frac{4}{5}$ which is equal to $\frac{16}{20}$;
A greater fraction of chocolate chip cookie boxes were sold.