

Solve each word problem. Show your thinking.

- a. Jacob has a ribbon that is 37 inches long. He cuts the ribbon into lengths that are each 5 inches. How many pieces of ribbon will be 5 inches long?

pieces

- b. Students hung their artwork on a wall. The Grade 3 pictures used $\frac{4}{12}$ of the wall and the Grade 4 pictures used $\frac{5}{12}$. How much of the wall has been covered?

- c. Antonio bought 3 one-gallon bottles of juice. After the party, there were $\frac{3}{8}$ in one bottle, $\frac{5}{8}$ in another, and $\frac{6}{8}$ in the third left over. What was the total amount of juice left?

bottles

- d. Morgan is making some costumes for the school play. She needs $3\frac{5}{12}$ yd of braid for the fairy dresses and $4\frac{1}{12}$ yd of the same braid for the elf shirts. How many yards of braid does she need?

yd

- e. A loaf of garlic bread was cut into 10 equal slices. Alex ate 3 slices and Jie ate 4. What fraction of the loaf was left?

loaf

- f. Mr. Johnson bought $3\frac{5}{8}$ lb of grapes and Mrs. Brown bought $2\frac{3}{8}$ lb. How much more did Mr. Johnson buy?

lb

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- a. Jacob has a ribbon that is 37 inches long. He cuts the ribbon into lengths that are each 5 inches. How many pieces of ribbon will be 5 inches long?



$$\boxed{7} \text{ pieces}$$

- b. Students hung their artwork on a wall. The Grade 3 pictures used $\frac{4}{12}$ of the wall and the Grade 4 pictures used $\frac{5}{12}$. How much of the wall has been covered?



$$\boxed{\frac{9}{12}}$$

- c. Antonio bought 3 one-gallon bottles of juice. After the party, there were $\frac{3}{8}$ in one bottle, $\frac{5}{8}$ in another, and $\frac{6}{8}$ in the third left over. What was the total amount of juice left?



$$\boxed{\frac{14}{8}} \text{ bottles}$$

- d. Morgan is making some costumes for the school play. She needs $3\frac{5}{12}$ yd of braid for the fairy dresses and $4\frac{1}{12}$ yd of the same braid for the elf shirts. How many yards of braid does she need?



$$\boxed{7\frac{6}{12}} \text{ yd}$$

- e. A loaf of garlic bread was cut into 10 equal slices. Alex ate 3 slices and Jie ate 4. What fraction of the loaf was left?



$$\boxed{\frac{3}{10}} \text{ loaf}$$

- f. Mr. Johnson bought $3\frac{5}{8}$ lb of grapes and Mrs. Brown bought $2\frac{3}{8}$ lb. How much more did Mr. Johnson buy?



$$\boxed{1\frac{2}{8}} \text{ lb}$$