

Word problems

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

- _____pieces
- **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 $\frac{5}{8}$ in the third left over. What was the total amount of juice left?
- d. Morgan is making some costumes for the school play. She needs 3 ⁵/₁₂ yd of braid for the fairy dresses and 4 ¹/₁₂ yd of the same braid for the elf shirts. How many yards of braid does she need?

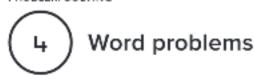




- e. A loaf of garlic bread was cut into 10 equal slices. Alex ate 3 slices and Jie ate 4. What fraction of the loaf was left?
- **f.** Mr. Johnson bought $3 \frac{5}{8}$ lb of grapes and Mrs. Brown bought $2 \frac{3}{8}$ lb. How much more did Mr. Johnson buy?

logf

lb



Answers will vary.

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_______pieces

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?

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 $\left[\frac{14}{8}\right]_{\text{bottles}}$

 $\left[\frac{7\frac{6}{12}}{12}\right]_{yd}$

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 $\frac{3}{10}$

1 2 lb