



Word Problem Wizardry

A seamstress needs $1\frac{5}{8}$ yards of fabric to make a child's dress. She needs 3 times as much fabric to make a woman's dress. How many yards of fabric does she need for both dresses?

Carol made punch. She used $12\frac{3}{8}$ cups of juice and then added three times as much ginger ale. Then, she added 1 cup of lemonade. How many cups of punch did her recipe make?



Word Problem Wizardry

Materials:

- Word problem task cards
- Fraction manipulatives
- Math journal or paper to record thinking

Directions:

- 1) Choose a task card.
- 2) Solve the problem on the card.
- 3) In your math journal or on paper, record your thinking in pictures, numbers, and words.
- 4) Continue choosing and solving word problems until time is up.

Tameka ran $2\frac{5}{8}$ miles. Her sister ran twice as far. How far did Tameka's sister run?



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Natasha's sculpture was $5\frac{3}{12}$ inches tall. Maya's was 4 times as tall. How much shorter was Natasha's sculpture than Maya's?

A piece of blue yarn is $5\frac{2}{3}$ yards long. A piece of pink yarn is 5 times as long as the blue yarn. Bailey tied them together with a knot that used $\frac{1}{3}$ yard from each piece of yarn. What is the total length of the yarn tied together?

A truck driver drove $35\frac{2}{10}$ miles before he stopped for breakfast. He then drove 5 times as far before he stopped for lunch. How far did he drive that day before his lunch break?

Mr. Washington's motorcycle needs $5\frac{5}{10}$ gallons of gas to fill the tank. His van needs 5 times as much gas to fill it. If Mr. Washington pays \$3 per gallon for gas, how much will it cost him to fill both the motorcycle and the van?

Jeff has ten packages that he wants to mail. Nine identical packages weigh $2\frac{7}{8}$ pounds each. A tenth package weighs two times as much as one of the other packages. How many pounds do all ten packages weigh?

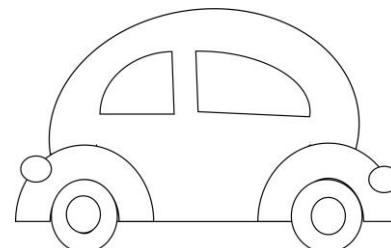
Ground turkey is sold in packages of $2\frac{1}{2}$ pounds. Dawn bought eight times as much turkey that is sold in 1 package for her son's birthday party. How many pounds of ground turkey did Dawn buy?

Trevor's stack of books is $7\frac{7}{8}$ inches tall.
Rick's stack is 3 times as tall. What is the difference in the heights of their stacks of books?

It takes $8\frac{3}{4}$ yards of fabric to make one quilt. Gail needs three times as much fabric to make three quilts. She already has two yards of fabric. How many more yards of fabric does Gail need to buy in order to make three quilts?

Carol made punch. She used $12\frac{3}{8}$ cups of juice and then added three times as much ginger ale. Then, she added 1 cup of lemonade. How many cups of punch did her recipe make?

Brandon drove $72\frac{7}{10}$ miles on Monday. He drove 3 times as far on Tuesday. How far did he drive in the two days?



Mrs. Reiser used $9\frac{8}{10}$ gallons of gas this week. Mr. Reiser used five times as much gas as Mrs. Reiser used this week. If Mr. Reiser pays \$3 for each gallon of gas, how much did Mr. Reiser pay for gas this week?

Six of the players on the football team weigh over 300 pounds. Doctors recommend that players of this weight drink at least $3\frac{3}{4}$ quarts of water each day. At least how much water should be consumed per day by all 6 players?

Nine of the players on the football team weigh about 200 pounds. Doctors recommend that people of this weight each eat about $3\frac{7}{10}$ grams of carbohydrates per pound each day. About how many combined grams of carbohydrates should these 9 players eat per pound each day?

Carla said $4 \times \frac{3}{7}$ is the same as $12 \times \frac{1}{7}$. Do you agree or disagree? Explain your reasoning. Draw visual fraction models as part of your justification.

For a certain brand of orange soda, each can contains $\frac{4}{15}$ cup of sugar.

- How many cups of sugar are there in six cans of this orange soda?
- Draw a picture representing the answer to (a).

Jack's puppy gained $\frac{6}{8}$ pound each week for 3 weeks. How much weight did the puppy gain in all during the three weeks?

Miguel uses $\frac{2}{3}$ kilogram of cheese to make one tray of lasagna. How much cheese will Miguel use to make three trays of lasagna?

Leah goes to soccer training for $\frac{1}{2}$ hour each day. She has a competition in seven days. How much time will she spend training in seven days?



Graphics and Fonts



Kari Bolt
children's illustrator

