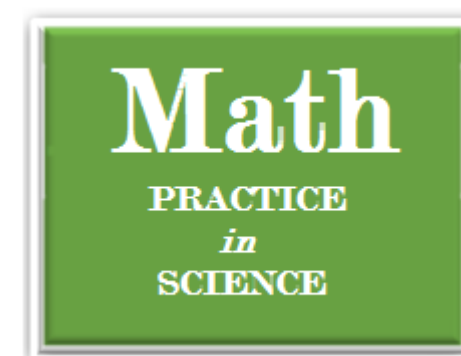


044 Math Practice

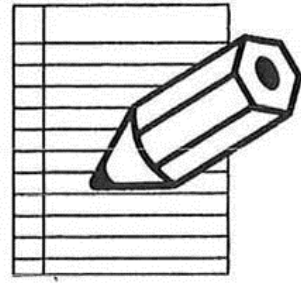
Solving Word Problems



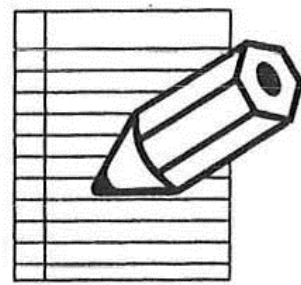
Solve these problems. Express your answers in lowest terms.

1. Mateo brought $21\frac{1}{2}$ pounds of aluminum cans and $4\frac{1}{6}$ pounds of copper wire to the recycling center. How many pounds of metal did Mateo recycle? _____
2. Gail filled up her gas tank on Tuesday. On Wednesday, she used $\frac{1}{8}$ tank of gas. On Thursday, she used $\frac{1}{2}$ tank. How much gas did Gail have left? _____
3. The Alpine Runners ran $16\frac{1}{3}$ miles in 4 hours. How many miles did they run in one hour? _____
4. Ki spent $3\frac{1}{4}$ hours each day building a deck. He worked for 7 days. How many hours did it take Ki to build his deck? _____
5. There are 640 students at Ridge School. Of these, $\frac{1}{8}$ ride the bus to school. How many students ride the bus? _____
6. A crate of apples weighs 18 pounds. The crate itself weighs $1\frac{3}{7}$ pounds. How much do the apples weigh? _____
7. Penny brought 42 bushels of tomatoes to sell at the farmers' market. She sold $1\frac{1}{2}$ bushels, $3\frac{1}{6}$ bushels, 9 bushels, $5\frac{3}{12}$ bushels, and $4\frac{3}{4}$ bushels. How many bushels of tomatoes were left at the end of the day? _____
8. Xavier earns \$6.00 per hour at his part-time job at the bookstore. If he works on the weekend, he earns $1\frac{1}{2}$ times his base pay. What is Xavier's weekend pay rate? _____
9. A landscape crew of 7 people was assigned to seed a $3\frac{1}{4}$ -acre field. How much of the field will each crew member seed? _____
10. Yao has invited 20 friends to a party. He made 4 submarine sandwiches and cut each sandwich into fourths. Does Yao have enough sandwiches to serve each of his friends? _____

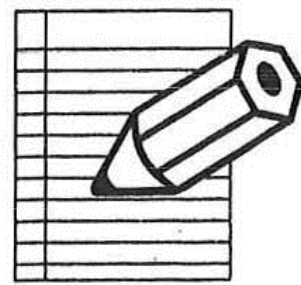
Solving Word Problems



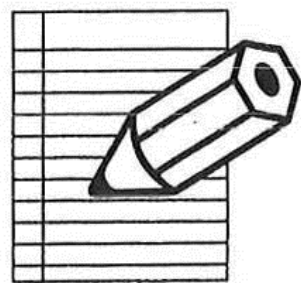
Gloria, Meg, and Nancy participated in the Health Walk-a-thon. Gloria walked $6\frac{7}{9}$ miles, Meg walked $6\frac{32}{40}$ miles, and Nancy walked $6\frac{14}{18}$ miles. Which two girls walked the same number of miles?



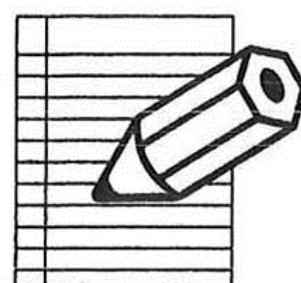
A carpenter cut a board that was $\frac{3}{4}$ foot long from a board that was $5\frac{1}{4}$ feet long. How long was the remaining piece of wood?



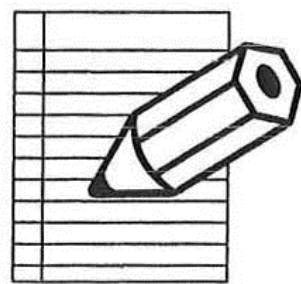
A baker had $23\frac{28}{14}$ pies left at the end of the day. How many pies did he have left?



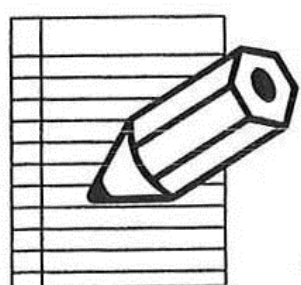
The Silvas were painting their house. Mr. Silva used $3\frac{1}{5}$ gallons of paint for the living room. Mrs. Silva used $2\frac{2}{3}$ gallons of paint for the dining room. How much paint did the Silvas use?



Aiko made $7\frac{6}{8}$ quarts of lemonade to serve at the family picnic. Her 5 cousins drank $2\frac{1}{8}$ quarts. How much lemonade was left for the rest of the family?



Paul bought 18 yards of carpeting for his new office. The office was smaller than he had thought, so he used only $14\frac{2}{3}$ yards of carpet. How much carpet was left over?



It takes Hal $3\frac{1}{4}$ hours to mow the lawn. He plans to mow half of the lawn before his baseball game and the other half after the game. How long will it take Hal to mow each half of the lawn?