

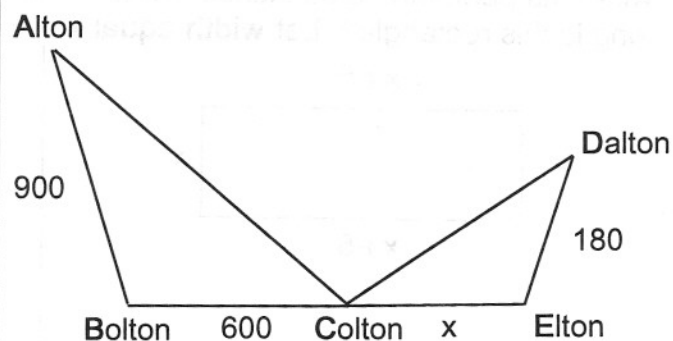
Quiz 6 on Multi-Step Word Problems

1) Carlos bought 3 sodas for 65¢ each, 2 hot dogs for \$1.25 each, and a hamburger for \$1.75. He paid with \$10. Find his change.

2) A ceiling requires a support be placed every $5\frac{3}{4}$ feet. How many supports are required for a ceiling $34\frac{1}{2}$ feet long?

3) Melissa wants to use 20% of her \$375 take-home pay for an apartment. How much will she have left after paying for her apartment?

4) ☆ These five cities are located on the angles of 2 similar triangles. Driving at 40 miles per hour, how long will it take to drive from Colton to Elton?

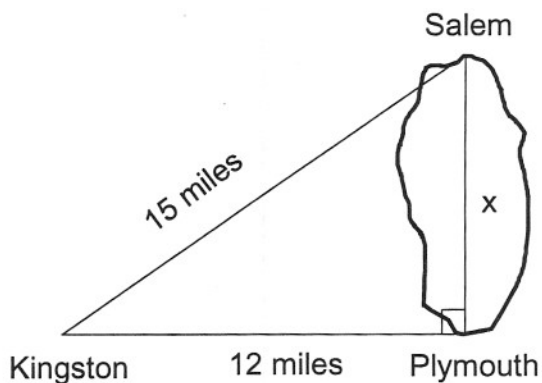


5) It costs \$90 to feed a baseball team of 24 players. How much would it cost to feed a 52-member band?

6) Bill's bowling average increased from 160 to 184. What was the percent increase?

7) Betty received a 6% raise on her \$15,000 annual salary. The tax rate is 18%. How much did she pay in taxes on her new salary?

8) Paul plans to fly his plane from Salem to Plymouth over Blue Lake. He knows the direct flight from Salem to Kingston is 15 miles, and it is 12 miles from Kingston to Plymouth. What distance will he travel?



See page 231 for the complete solutions to these quiz problems.