

Use proportions to solve the following problems.

1. Jim is able to run 5 miles in 40 minutes. How long will it take Jim to run 26 miles?

2. Mary can buy 1000 pencils for \$25.99. If she has \$60 to spend on pencils, how many pencils can she afford to buy?



3. CD Warehouse sells 33 CD's for \$334.95. CD World sells 21 CD's for \$212.31. Which store offers a better deal?

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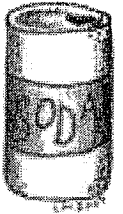


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4. Laura is a biologist. She is studying wolf populations in a secluded forest. Last year she caught and tagged 75 wolves. Yesterday, Laura caught 30 wolves and 6 of them were tagged. Estimate the wolf population in the woods where Laura did her study.

5. In a 150 square foot stretch of land, John sifted for gold and found 0.025 grams. How much gold would you expect him to find he he sifted through 825 square feet of land?

6. An 8-ounce can of pop has 22 grams of sugar in it. How many ounces of pop would you have to drink to consume 297 grams of sugar?



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