

Lines

There were a total of 800 novels and nonfiction books at a bookshop. $\frac{2}{5}$ of these books were novels. Each novel was priced at \$7. Each nonfiction book was priced at \$5. How much money would the owner of the bookshop make if he sold $\frac{3}{8}$ of the novels and $\frac{2}{5}$ of the nonfiction books?

Explain your answer.

Angles

Every 5 hours, a bus leaves from Chicago for Detroit. Every 3 hours, a bus leaves from Chicago for Cleveland. If buses for both cities leave at 6:00 am, when is the next time buses leave together for these two cities?

Polygons

Clara had 116 trading cards. She gave 10 cards to Larry. Then she gave $\frac{1}{2}$ of her remaining cards to Peter. How many cards does she have left?