

Lines

Blake gave $\frac{1}{5}$ of his paycheck to his mother and spent $\frac{1}{2}$ of the remainder on a radio. He had \$450 left. How much was his total paycheck? Explain your answer.

Angles

A rope is 20.85 m long. Two pieces of 1.85 m each are cut from it, and the remainder is cut into 7 equal pieces. How long is each of the 7 equal pieces of rope?

Polygons

Alberto and Toshi are on a 7-day hike. They hike 10 miles on the first day, 12 miles on the second day, 14 miles on the third day, and 16 miles on the fourth day. If this pattern continues, how many miles will they hike on the seventh day?