

1.7 Problem Solving- Day 1

Problem Solving Strategy

Step 1:

Step 2:

Step 3:

Step 4:

Step 5:

1. The larger of two numbers is 8 more than four times the smaller. If the larger is increased by 4 times the smaller, the result is 40. Find the numbers.

2. The length of a rectangle is 4 cm less than 3 times the width. The perimeter is 64 cm. Determine the length and width.

3. Two years ago, Katie was twice as old as Anne was at that time. In 5 years, Anne will be the same age that Katie is now. How old are Anne and Katie now?

4. Sportcheck sells Asics running shoes for \$82 a pair and New Balance running shoes for \$95 a pair. One day, Sportcheck sold 75 pairs of Asics and New Balance shoes for \$6241. How many pairs of each shoe were sold?