



## REVIEW Time

1. How many  $6\frac{1}{4}$ -inch pieces of fabric can be cut from a 75-inch roll?
2. A triangle has sides of length 15.463 centimeters, 11.34 centimeters, and 20.875 centimeters. What is the perimeter of the triangle?
3. The area of Pennsylvania is 46,055 square miles. The area of Florida is about 1.428 times larger than Pennsylvania. What is the area of Florida to the nearest square mile?
4. A football weighs approximately 0.42 kilogram. The physical education teacher needs to purchase a dozen footballs. What will be the total weight, in kilograms, of the footballs to calculate shipping and handling?
5. The perimeter of each face of a Rubik's cube is 22.2 centimeters. What is the length of an edge of a Rubik's cube?
6. A piece of paper is 0.0075 inch thick. How many sheets of paper will be in a stack that is 2.25 inches high?



## REVIEW Time

1. How many  $6\frac{1}{4}$ -inch pieces of fabric can be cut from a 75-inch roll?

$$\frac{75}{1} \div \frac{4}{25} = 12$$

$$75 \div 6\frac{1}{4}$$

2. A triangle has sides of length 15.463 centimeters, 11.34 centimeters, and 20.875 centimeters. What is the perimeter of the triangle?

$$\begin{array}{r} 15.463 \\ + 11.34 \\ \hline 20.875 \end{array}$$

$$47.678$$

3. The area of Pennsylvania is 46,055 square miles. The area of Florida is about 1.428 times larger than Pennsylvania. What is the area of Florida to the nearest square mile?

$$46,055 \times 1.428$$

$$65,766.54 \approx$$

$$65,767$$

4. A football weighs approximately 0.42 kilogram. The physical education teacher needs to purchase a dozen footballs. What will be the total weight, in kilograms, of the footballs to calculate shipping and handling?

$$12 \times 0.42$$

$$= 5.04 \text{ kg.}$$

5. The perimeter of each face of a Rubik's cube is 22.2 centimeters. What is the length of an edge of a Rubik's cube?

$$22.2 \div 4 =$$

$$5.55$$

6. A piece of paper is 0.0075 inch thick. How many sheets of paper will be in a stack that is 2.25 inches high?

$$2.25 \div 0.0075 =$$

$$300$$