

Where Do Generals Keep Their Armies?

Solve each problem below and find your solution in the answer column. Write the letter of the answer in each box containing the number of the problem.

- 1 Daphne bought 3 paintbrushes at \$4.25 each, an easel for \$30.00, and 8 tubes of paint at \$2.95 each. How much money did she spend altogether?
- 2 Roberto needs 10 kilograms of clay for a ceramics project. He already has three pieces that weigh 1.3 kg, 2.4 kg, and 0.9 kg. How much more clay does he need?
- 3 Sing Lu jogs around a park near her house 3 times a week. The distance around the park is 0.8 mile. How many laps around the park are necessary to run 6 miles?
- 4 Karen's hobby is chemistry. For one experiment she used 3 liters of water and 3 empty beakers. She poured 0.7 L into the first beaker and twice that amount into the second. How much water was left for the third beaker?
- 5 Mia makes decorative candies by pouring melted chocolate into molds. Each mold holds 0.4 oz of chocolate. Mia bought a 20-ounce bag of chocolate but has already used 10.4 oz. How many candies can she make with the chocolate she has left?
- 6 Luis bought two pieces of wax to make candles. One piece weighed 3.49 kg, and the other weighed 4.71 kg. If wax costs \$1.80 per kg, how much did Luis spend altogether?
- 7 Keo's model airplane uses 0.03 L of fuel each minute it flies. If the fuel tank holds 0.5 L, how long can the plane fly without refueling? (Round to the nearest 0.1 minute.)
- 8 A scale model of a train has an engine that is 17.2 cm long and 10 cars that are each 13.5 cm long. Each centimeter on the model represents 0.8 m on the actual train. How long is the actual train?
- 9 Roger made a leather belt in crafts class. He attached a buckle at one end and punched 5 equally spaced holes at the other. If the distance between the first hole and last hole is 10 cm, how far apart are the holes?

- ★ Answers
- ★ (G) 1.6 L
 - ★ (W) 4.9 kg
 - ★ (V) 24
 - ★ (D) 18
 - ★ (H) 16.7 min
 - ★ (P) 124.66 m
 - ★ (T) \$66.35
 - ★ (E) 2.5 cm
 - ★ (F) 9
 - ★ (N) 0.9 L
 - ★ (O) 1.8 cm
 - ★ (L) 5.4 kg
 - ★ (I) \$14.76
 - ★ (K) \$63.45
 - ★ (S) 121.76 m
 - ★ (A) 15.3 min
 - ★ (R) 7.5
 - ★ (U) \$17.66

6	4	1	7	9	6	3	8	2	9	9	5	6	9	8
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---