Complete.

① 5,811 mL = _____ L

② 297 L = _____ kL

③ 1.09 kL = 1,090 _____

④ 32,500 mL = _____ L

⑤ 53.1 L = _____ mL

⑥ 5.66 L = _____ mL

⑦ 2,848 mL = _____ L

⑧ 431 L = _____ kL

⑨ 0.56 L = _____ mL

⑩ 0.78 L = 780 _____

Solve.

⑪ Jennifer made 5 L of punch for her party. Her brother made another 750 mL. If they combine the two batches, how many 180 mL servings would they have? Would there be any punch left over? If so, how much?

_____

⑫ On an average day, a horse might drink 50 L, a sheep might drink 4 L, and a chicken might drink 200 mL. How much water would a farm with 3 horses, 15 sheep, and 12 chickens need for a day?

_____

⑬ Terrell has a water purifier for backpacking. It will purify 1 liter of water in 1 minute. How long would it take Terrell to purify enough water for 4 canteens that each hold 750 mL, and two that each hold 1.5 L?

_____

⑭ The Institute of Medicine determined that a man should drink 3 liters of fluids a day and a woman should drink 2.2 liters. Mr. Morrison drank 880 mL of water at breakfast and Mrs. Morrison drank 700 mL. How much more will they both need to drink combined to meet the recommended amounts for the day?

_____

Name _____   Date _____

Suppose the cost of sugar changes at the rate shown in the table. Use the table to complete Exercises 1 and 2.

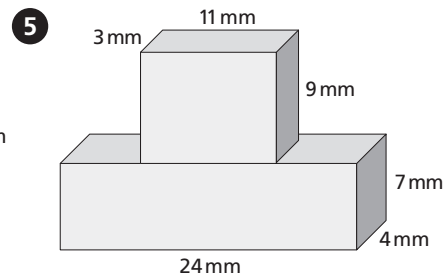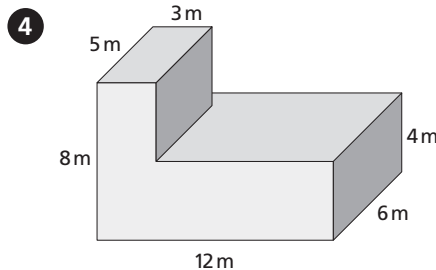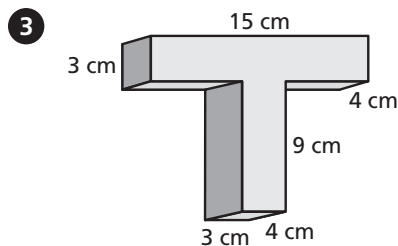| Cost of Sugar	
Weight (lb)	Cost ($)
0	$0
1	$1.40
2	$2.80
3	$4.20
4	$5.60
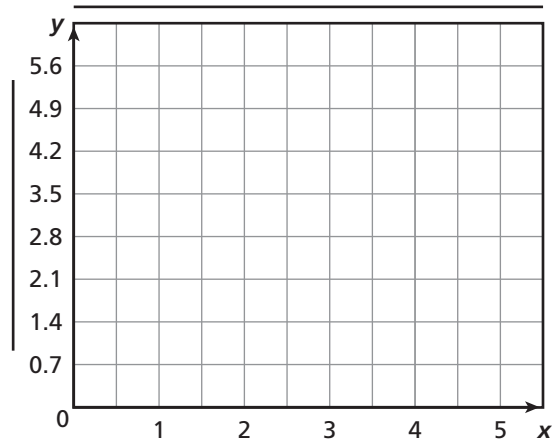
1 Write five ordered pairs that the data represent.

_____

2 Graph the ordered pairs. What does each axis of the graph represent? Title the graph and label each axis.

_____

_____

Find the volume of each composite solid.

3

15 cm
3 cm
4 cm
9 cm
3 cm   4 cm

4

3 m
5 m
8 m
4 m
6 m
12 m

5

11 mm
3 mm
9 mm
7 mm
4 mm
24 mm

_____   _____   _____

6 **Stretch Your Thinking** Shannon pours four different liquid ingredients into a bowl. The sum of the liquid ingredients is 8.53 liters. Two of her measurements are in liters and two of her measurements are in milliliters. Give an example of possible measurements for Shannon's four liquids.

_____