

Chapter Review

Hint

Use the charts inside the back cover.

1. Express each capacity in the units given.

a) 6 c = _____ fl oz (US) c) $\frac{1}{2}$ qt = _____ pt

b) 3 pt = _____ fl oz (UK) d) 4 bu = _____ gal

2. Ramon works on road construction. He knows that the asphalt cement and binder must be applied at less than 0.3 gal per square yard. How many quarts of binder are needed for 8 sq yd of asphalt?

3. Complete. If necessary, round to two decimal places.

a) a fish pond, 6.5 kL _____ L

b) a jar of mandarin oranges, 540 mL _____ L

c) 1 of the 3 bags in a 4 L bag of milk _____ L

d) a bottle of baby oil, 592 mL _____ fl oz (US)

4. Compare. Write >, <, or = to make a true statement.

a) 1 qt 1 L

c) 5 mL 5 fl oz

b) 4 L 4 pt

d) 3 gal 3 L

5. Autumn works for a swimming pool company. To determine the amount of chlorine needed for a pool, she needs to calculate the capacity in gallons. A pool has a capacity of 25 000 L. What is the capacity in gallons?

6. Express each volume to the nearest whole unit.

a) 2 cu yd = _____ cu ft c) 1728 cu in. = _____ cu ft

b) 80 cu ft \div _____ cu yd d) 13 880 cu in. \div _____ cu ft