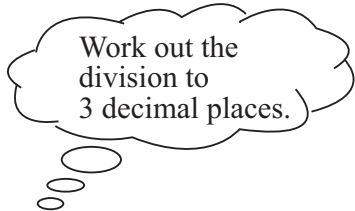


13. Divide and round your answer to 2 decimal places.

Example: $1 \div 3 \approx \mathbf{0.33}$ (to 2 decimal places)

$$\begin{array}{r}
 0.333 \text{ (quotient)} \\
 3 \overline{) 1.000} \\
 \underline{- 0} \\
 10 \\
 \underline{- 9} \\
 10 \\
 \underline{- 9} \\
 10 \\
 \underline{- 9} \\
 1
 \end{array}$$



You will notice that the division shown above will continue in the same manner. The quotient is a recurring decimal. Where a fraction expressed as a decimal results in a recurring decimal or a decimal that has many decimal places, we may give the answer to a specified degree of accuracy of 1 or 2 decimal places.

(a) $3.59 \div 6 \approx$ _____ (b) $22 \div 7 \approx$ _____

(c) $16.58 \div 9 \approx$ _____ (d) $47.81 \div 8 \approx$ _____

14. For each of the following, estimate the quotient by rounding the decimal to the nearest whole number which can be divided by the given number without any remainder.

(a) $5.2 \div 3 \approx 6 \div 3$ (b) $1.12 \div 5 \approx 1 \div 5$
 $=$ _____ $=$ _____

5. Express each measurement given in compound units as a decimal of the greater unit.
(Use the concept of place values in the conversion.)

Example 1:

$$5 \text{ km } 45 \text{ m} = 5045 \text{ m} = 5.045 \text{ km}$$

Example 2:

$$2 \text{ m } 13 \text{ cm} = 213 \text{ cm} = 2.13 \text{ m}$$

- (a) $4 \text{ m } 85 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$
- (b) $15 \text{ km } 264 \text{ m} = \underline{\hspace{2cm}} \text{ km}$
- (c) $3 \text{ kg } 455 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$
- (d) $1 \text{ l } 890 \text{ ml} = \underline{\hspace{2cm}} \text{ l}$
- (e) $14,565 \text{ cents} = \$ \underline{\hspace{2cm}}$
- (f) $11 \text{ kg } 35 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

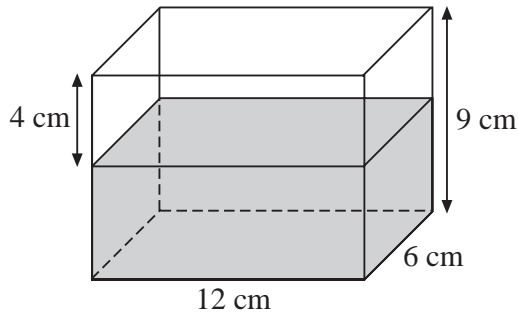
WORD PROBLEMS



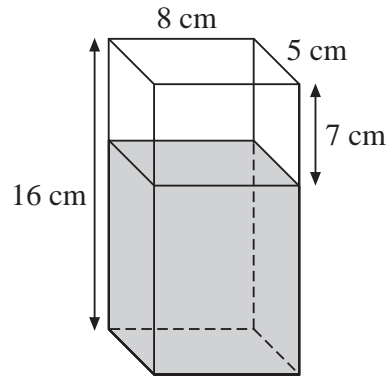
1. Nellie bought 6 cartons of guava juice from the supermarket. Each carton contained 1 l 890 ml of guava juice. How much guava juice was there altogether?



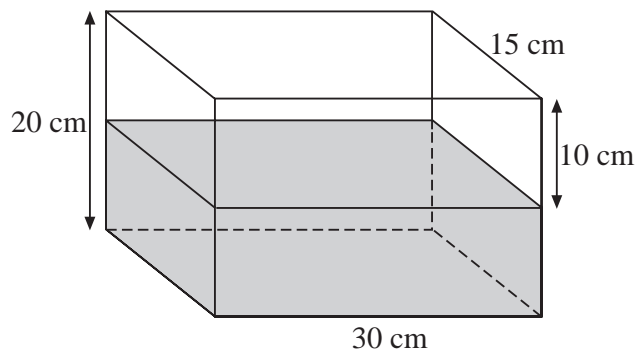
2.



Tank A



Tank B



Tank C

Look at the tanks above. Each tank is filled with water as shown. The water in Tank A and Tank B is then completely poured into Tank C. After that, 4 full buckets of water are removed from Tank C. Each bucket has a volume of 1ℓ . How much water, in liters and milliliters, is then left in Tank C?

