Real-life problems

Find the answer to each problem.

A box is 16 in. wide. How wide will 6 boxes side by side be?

96 in.

$$\begin{array}{r} 3 \\ 16 \text{ in.} \\ \times 6 \\ \hline 96 \text{ in.} \end{array}$$

Josh is 1.20 m tall. His sister is 1.55 m tall. How much taller than Josh is his sister?

0.35 m

$$\begin{array}{r} 1.55 \text{ m} \\ -1.20 \text{ m} \\ \hline 0.35 \text{ m} \end{array}$$
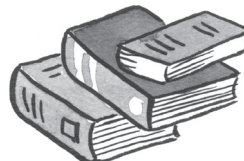
Find the answer to each problem.

A can contains 56 g of lemonade mix.
If 12 g are used, how much is left?

A large jar of coffee weighs 280 g. A smaller
jar weighs 130 g. How much heavier
is the larger jar than the smaller jar?

There are 7 shelves of books. 5 shelves
are 1.2 m long. 2 shelves are 1.5 m long.
What is the total length of the 7 shelves?

A rock star can sign
36 photographs in a
minute. How many can
he sign in 30 seconds?

Shana has read 5 pages of a 20-page
comic book. If it has taken her
9 minutes, how long is it likely to take
her to read the whole comic book?

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Find the answer to each problem.

A can contains 56 g of lemonade mix. If 12 g are used, how much is left?

44 g

$$\begin{array}{r} 56 \text{ g} \\ -12 \text{ g} \\ \hline 44 \text{ g} \end{array}$$

A large jar of coffee weighs 280 g. A smaller jar weighs 130 g. How much heavier is the larger jar than the smaller jar?
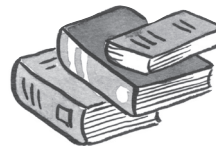
150 g

$$\begin{array}{r} 280 \text{ g} \\ -130 \text{ g} \\ \hline 150 \text{ g} \end{array}$$

There are 7 shelves of books. 5 shelves are 1.2 m long. 2 shelves are 1.5 m long. What is the total length of the 7 shelves?

9 m

$$\begin{array}{r} \overset{1}{1.2} \\ \times\, 5 \\ \hline 6.0 \end{array} \qquad \begin{array}{r} \overset{1}{1.5} \\ \times\, 2 \\ \hline 3.0 \end{array}$$

$6 + 3 = 9$

A rock star can sign 36 photographs in a minute. How many can he sign in 30 seconds?

18 photographs

$$\begin{array}{r} 18 \\ 2\overline{)36} \\ 2 \\ \hline 16 \\ 16 \\ \hline 0 \end{array}$$

Shana has read 5 pages of a 20-page comic book. If it has taken her 9 minutes, how long is it likely to take her to read the whole comic book?

36 minutes

$$\begin{array}{r} 1.8 \\ 5\overline{)9.0} \\ 5 \\ \hline 40 \\ 40 \\ \hline 0 \end{array} \qquad \begin{array}{r} 20 \\ \times\, 1.8 \\ \hline 160 \\ 200 \\ \hline 36.0 \end{array}$$

This page continues with real-life problems but with units other than money. Note that children must perform three operations to solve the third problem.