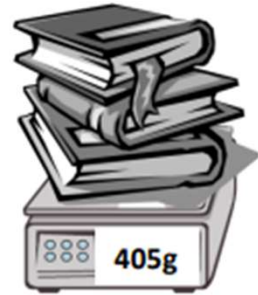


# Measurement Word Problems Worksheets

1. The total weight of 3 books is shown to the right. If 2 books weigh 233 grams, how much does the third book weigh? Use a tape diagram to model the problem.



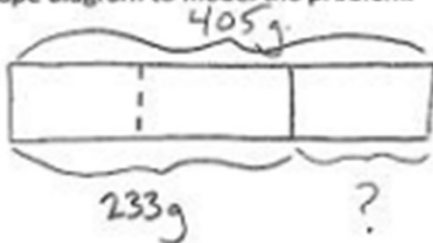
2. The chart to the right shows the lengths of three movies.
- a. The movie *Champions* is 22 minutes shorter than *The Lost Ship*. How long is *Champions*?

<i>The Lost Ship</i>	117 minutes
<i>Magical Forests</i>	145 minutes
<i>Champions</i>	? minutes

- b. How much longer is *Magical Forests* than *Champions*?
3. The total length of a rope is 208 cm. Scott cuts it into 3 pieces. The first piece is 80 cm long. The second piece is 94 cm long. How long is the third piece of rope?

# Measurement Word Problems Worksheets

1. The total weight of 3 books is shown to the right. If 2 books weigh 233 grams, how much does the third book weigh? Use a tape diagram to model the problem.



$$\begin{array}{r} 3 \cancel{10} \\ 405 \\ - 233 \\ \hline 172 \end{array}$$

The third book weighs 172g.



2. The chart to the right shows the lengths of 3 movies.  
a. The movie *Champions* is 22 minutes shorter than *The Lost Ship*. How long is *Champions*?

$$\begin{array}{r} 0 \ 11 \\ 117 \\ - 22 \\ \hline 95 \end{array}$$

*Champions* is 95 minutes long.

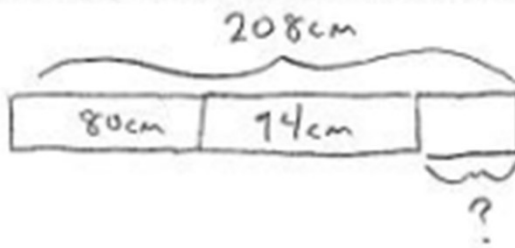
- b. How much longer is *Magical Forests* than *Champions*?

$$\begin{array}{r} 0 \ 14 \\ 145 \\ - 95 \\ \hline 50 \end{array}$$

*Magical Forests* is 50 minutes longer than *Champions*.

<i>The Lost Ship</i>	117 minutes
<i>Magical Forests</i>	145 minutes
<i>Champions</i>	? minutes

3. The total length of a rope is 208 cm. Scott cuts it into 3 pieces. The first piece is 80 cm long. The second piece is 94 cm long. How long is the third piece of rope?



$$\begin{array}{r} 94 \text{ cm} \\ + 80 \text{ cm} \\ \hline 174 \text{ cm} \end{array}$$

$$\begin{array}{r} 1 \ 10 \\ 208 \\ - 174 \\ \hline 34 \end{array}$$

The third piece of rope is 34 cm long.