

Name _____

Date _____

1. Solve the subtraction problems below.

a. $60 \text{ mL} - 24 \text{ mL}$

$$\begin{array}{r}
 1 \\
 30 \\
 -30 \\
 \hline
 36 \text{ mL}
 \end{array}$$

b. $360 \text{ mL} - 24 \text{ mL}$

$$\begin{array}{r}
 1 \\
 330 \\
 -30 \\
 \hline
 336 \text{ mL}
 \end{array}$$

c. $360 \text{ mL} - 224 \text{ mL}$

$$\begin{array}{r}
 1 \\
 330 \\
 -30 \\
 \hline
 136 \text{ mL}
 \end{array}$$

d. $518 \text{ cm} - 21 \text{ cm}$

$$\begin{array}{r}
 411 \\
 518 \\
 -21 \\
 \hline
 497 \text{ cm}
 \end{array}$$

e. $629 \text{ cm} - 268 \text{ cm}$

$$\begin{array}{r}
 512 \\
 629 \\
 -268 \\
 \hline
 361 \text{ cm}
 \end{array}$$

f. $938 \text{ cm} - 440 \text{ cm}$

$$\begin{array}{r}
 813 \\
 938 \\
 -440 \\
 \hline
 498 \text{ cm}
 \end{array}$$

g. $307 \text{ g} - 130 \text{ g}$

$$\begin{array}{r}
 210 \\
 307 \\
 -130 \\
 \hline
 177 \text{ g}
 \end{array}$$

h. $307 \text{ g} - 234 \text{ g}$

$$\begin{array}{r}
 210 \\
 307 \\
 -234 \\
 \hline
 73 \text{ g}
 \end{array}$$

i. $807 \text{ g} - 732 \text{ g}$

$$\begin{array}{r}
 710 \\
 807 \\
 -732 \\
 \hline
 75 \text{ g}
 \end{array}$$

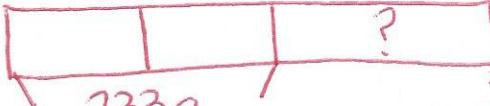
j. $2 \text{ km } 770 \text{ m} - 1 \text{ km } 455 \text{ m}$

$$\begin{array}{r}
 610 \\
 770 \\
 -455 \\
 \hline
 315 \\
 \hline
 1 \text{ km } 315 \text{ m}
 \end{array}$$

k. $3 \text{ kg } 924 \text{ g} - 1 \text{ kg } 893 \text{ g}$

$$\begin{array}{r}
 812 \\
 924 \\
 -893 \\
 \hline
 31 \\
 \hline
 2 \text{ kg } 31 \text{ g}
 \end{array}$$

2. 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.

books  405 g

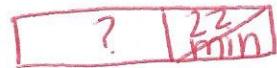
$$\begin{array}{r} 310 \\ 405 \\ -233 \\ \hline 172 \end{array}$$
 172 g.

The 3rd book weighs



3. 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?

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

The Lost Ship 

Champions is 95 minutes long.

b. How much longer is Magical Forests than Champions?

Magical Forest  145 min.

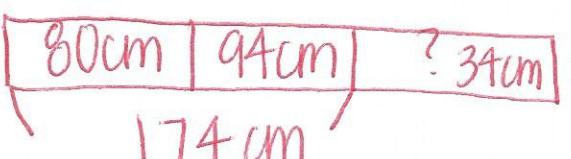
Champions 

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

50 min.

Magical Forest is 50 minutes longer.

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

Rope 

$$\begin{array}{r} 1208 \\ - 174 \\ \hline 34 \end{array}$$

34 cm

The third rope is 34 cm long.