

Name _____

Date _____

1. Find the sums below. Choose mental math or the algorithm.

a. $75 \text{ cm} + 7 \text{ cm}$

$$\begin{array}{r} 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \end{array}$$

$$75 + 5 = 80$$

$$80 + 2 = 82 \text{ cm}$$

c. $362 \text{ mL} + 229 \text{ mL}$

$$\begin{array}{r} 362 \\ + 229 \\ \hline 591 \end{array}$$

$$591 \text{ mL}$$

e. $451 \text{ mL} + 339 \text{ mL}$

$$\begin{array}{r} 451 \\ + 339 \\ \hline 790 \end{array}$$

$$790 \text{ mL}$$

b. $39 \text{ kg} + 56 \text{ kg}$

$$\begin{array}{r} 35 \\ 35 \\ 35 \\ 35 \\ 35 \end{array}$$

$$56 + 4 = 60$$

$$60 + 35 = 95$$

$$95 \text{ kg}$$

d. $283 \text{ g} + 92 \text{ g}$

$$\begin{array}{r} 283 \\ + 92 \\ \hline 375 \end{array}$$

$$375 \text{ g}$$

f. $149 \text{ L} + 331 \text{ L}$

$$\begin{array}{r} 149 \\ + 331 \\ \hline 480 \end{array}$$

$$149 + 1 = 150$$

$$150 + 330 = 480$$

$$480 \text{ L}$$

2. The liquid volume of five drinks is shown below.

Drink	Liquid Volume
Apple juice	125 mL
Milk	236 mL
Water	248 mL
Orange juice	174 mL
Fruit punch	208 mL

a. Jen drinks the apple juice and the water. How many milliliters does she drink in all?

$$\begin{array}{r} 125 \\ + 248 \\ \hline 373 \end{array}$$

Jen drinks 373 mL in all.

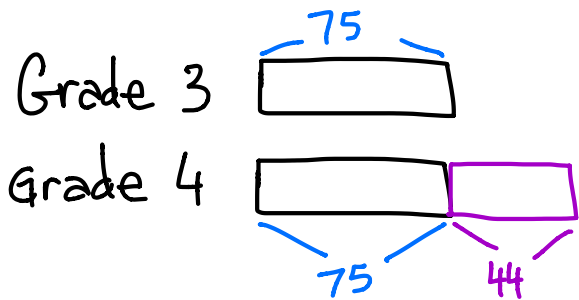
Jen drinks 373 mL.

b. Kevin drinks the milk and the fruit punch. How many milliliters does he drink in all?

$$\begin{array}{r} 236 \\ + 208 \\ \hline 444 \end{array}$$

Kevin drinks 444 mL in all.

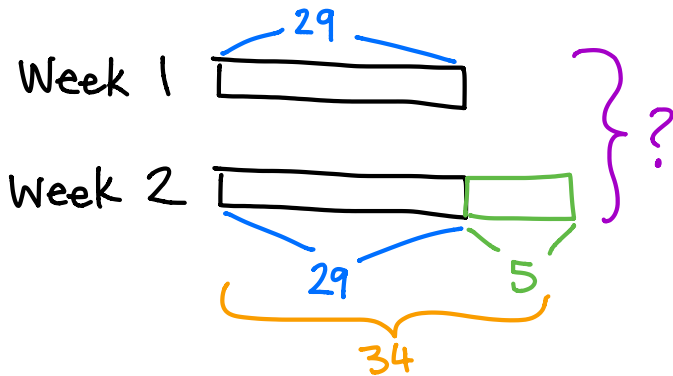
3. There are 75 students in Grade 3. There are 44 more students in Grade 4 than in Grade 3. How many students are in Grade 4?



$$\begin{array}{r} 75 \\ + 44 \\ \hline 119 \end{array}$$

There are 119 students in Grade 4.

4. Mr. Green's sunflower grew 29 centimeters in one week. The next week it grew 5 centimeters more than the previous week. What is the total number of centimeters the sunflower grew in 2 weeks?



$$\begin{array}{r} 29 \\ + 34 \\ \hline 63 \end{array}$$

The sunflower grew 63 cm in 2 weeks.

5. Kylie records the weights of 3 objects as shown below. Which 2 objects can she put on a pan balance to equal the weight of a 460 gram bag? Show how you know.

Paperback Book	Banana	Bar of Soap
343 grams	108 grams	117 grams

$$\begin{array}{r} 343 \\ + 117 \\ \hline 460 \end{array}$$

My first guess was the paperback and the soap. I picked these because I wanted the sum's one's place to be zero. $3 + 7$ does the trick. Then I confirmed it by adding $343 + 117$.