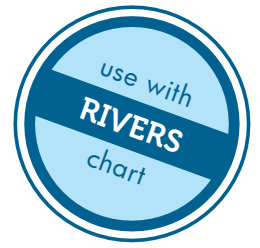




# ANSWERS

## Math Problem Basics: Dividing by 3



Use the data found on the page "Rivers of the U.S." and answer the questions below.

When you measure the length of something, like a piece of rope, to find out what one-third of that length is, all you have to do is divide by 3.

**For example:** If a river is 963 miles long, one-third of the length of the river is 321 feet long:  $963 \div 3 = 321$ .

1 How many miles is half of the Delaware River?

$$390 \div 2 = 195 \text{ miles}$$

2 How many miles is one-third of the length of the Delaware River?

$$390 \div 3 = 130 \text{ miles}$$

3 How many miles is one-third of the Canadian River?

$$906 \div 3 = 302 \text{ miles}$$

4 How many miles is two-thirds of the Canadian River?

$$906 \div 3 = 302 \text{ miles}$$
$$302 + 302 = 604 \text{ miles}$$

5 Add one-third of the Snake River to the length of the Washita River.

$$1,038 \div 3 = 346 \text{ miles}$$
$$346 + 500 = 846 \text{ miles}$$

6 Add one-third of the Cumberland River to one-third of the North Platte River.

$$720 \div 3 = 240 \text{ miles}$$
$$618 \div 3 = 206 \text{ miles}$$
$$240 + 206 = 446 \text{ miles}$$

7 Add one-third of the Smoky Hill River to one-third of the Pend Oreille-Clark Fork River.

$$540 \div 3 = 180 \text{ miles}$$
$$531 \div 3 = 177 \text{ miles}$$
$$180 + 177 = 357 \text{ miles}$$

8 Subtract one-third of the Platte River from the length of the Ohio River.

$$990 \div 3 = 330 \text{ miles}$$
$$981 - 330 = 651 \text{ miles}$$