



ANSWERS

Math Problem Basics: Dividing by 2



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 half of its length is, divide by 2.

For example: If a river is 422 miles long, half the length of the river is 211 feet long. $422 \div 2 = 211$.

1 How many miles is half of the Cumberland River?

$$720 \div 2 = 360$$

2 How many miles is half of the Illinois River?

$$420 \div 2 = 210$$

3 Add the lengths of the Little Missouri River and the Osage River. How many miles is half of this amount?

$$560 + 500 = 1,060$$
$$1060 \div 2 = 530$$

4 Add the lengths of the Ohio-Allegheny River and the Pecos River. How many miles is half of this amount?

$$1306 + 926 = 2,232$$
$$2,232 \div 2 = 1,116$$

5 How many miles is half of the Red River?

$$1,290 \div 2 = 645$$

6 How many miles is half of the Salmon River added to the length of the Porcupine River?

$$420 \div 2 = 210$$
$$210 + 569 = 779$$

7 How many miles is half of the Snake River added to half of the Smoky Hill River?

$$1,038 \div 2 = 519$$
$$540 \div 2 = 270$$
$$519 + 270 = 789$$

8 Add half the length of the Wabash River to half the length of the James River to the full length of the Powder River. How many miles did you get?

$$512 \div 2 = 256$$
$$710 \div 2 = 355$$
$$\begin{array}{r} 256 \\ 355 \\ + 375 \\ \hline 986 \end{array}$$