



A world map composed of small blue dots. Overlaid on the map are several math symbols: green plus signs (+), orange multiplication signs (x), and red equals signs (=). The word 'Americas' is written in teal on the left side of the map.

Americas



Amazing Amazon River

It's the world's second-longest river ... and a jewel of South America!



Question 1 The Amazon River is 6,400 km long, which is equal to the distance from New York City to Rome! How would you write its length in words?



Question 2 At its widest point, the Amazon River's basin is 2,780 km from north to south. What's this figure rounded to the nearest one thousand kilometers?



Question 3 There are 1,000 tributary rivers flowing into the Amazon River. The top one is 3,200 km long, and five are each more than 1,600 km long. Is it possible to calculate the total length of the top six tributaries?



Question 4 The mouth of the Amazon River is 64 km wide, and the river's length is 6,400,000 m. What's the ratio of the width of the Amazon River's mouth to the river's length?

= Answers & solutions = + x = + x = + x = + x = + x = + x = + x

Question 1 Answer. Six thousand four hundred kilometers

Solution. n/a

Question 2 Answer. 3,000 km

Solution. The second digit, 7, rounds up, so 2,780 rounds to 3,000

Question 3 Answer. No

Solution. "More than" 1,600 does not give the exact figure, so calculation is impossible

Question 4 Answer. 1:100

Solution. $6,400,000 \text{ m} = 6,400 \text{ km}$. $64:6,400 = 1:100$.

= Now turn the tables around! x = + x = + x = + x = + x = + x

Stretch your thinking and unleash your creativity! You'll see below some facts used to make up questions you answered. How could you combine and apply these facts to create interesting question(s)?

The Amazon River is 6,400 km long

Its basin is 2,780 from north to south at its widest point

The Amazon River has 1,000 tributary rivers

The longest tributary is 3,200 km long

The other five longest tributaries are each more than 1,600 km long

The river's mouth is 64 km wide

= Can you dig deeper? = + x = + x = + x = + x = + x = + x = + x

Ready to take it even further? Find out more and discover exciting facts about the Amazon River.

Check out online and other sources, write down the facts you find, and use the numbers to develop interesting new questions for family or friends to figure out. Perhaps even write your own mini-research report filled with exciting facts!