

**MATH**

**GRADO 6°**

**TALLER DE VACACIONES**

***Look at the table and answer the questions***

|  |  |
| --- | --- |
| **RIVER** | **LENGTH (Km)** |
| **Amazon** | **6 400** |
| **Mississippi** | **6 275** |
| **Nile** | **6 650** |
| **Ob** | **5 410** |
| **Yangtze** | **6 300** |
| **Yellow River** | **5 464** |
| **Yenisei** | 1. **539**
 |

**1.** **How much longer is the Mississippi river than the Ob?**

**2. What is the total length of the 3 longest rivers?**

**3. How much shorter is the Yellow River than the Nile?**

**4. What is the difference in length between the longest and the shortest river?**

**5. The total length of all the rivers is about…**

**6. Which two rivers are the longest in length?**

**7. Which three rivers are the shortest in length?**

**8. How much shorter is the Yenisei than the Amazon?**

***Read and answer each question.***

**9. What is an exponent?**

A. They are natural numbers

B. They are fractions

C. They are radicals

D. The power to which a given number or expression is to be raised

**10. What is a radical?**

A. They are natural numbers

B. They are fractions

C. A radical expression is an expression containing a square root

D. The power to which a given number or expression is to be raised

**11. What is the square root of the following numbers?**

**81 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**625 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**169 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2401 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**12. Answer the following exponentiation exercises**

**94 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**57 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**123 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**48 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**