

Length word problems

Grade 4 Word Problems Worksheets

Read and answer each question:

1. Kim bought a new pair of jeans and they are 46 inches long. As they were too long, she altered the jeans by making it 3 inches shorter. How long are her jeans now?
2. A car is 3 meters long and it is dragging a 7-meter long boat. What is the total length of the car and the boat?
3. Marilyn had long hair and she donated 9 inches of her hair to sick children. Her hair is only 4 inches now. How long was her hair before?
4. If we want to measure a line that is 0.8 m long, how many 20-cm rulers do we need?
5. Ken is 3 ft. 3 in. tall and Olivia is 40 in. tall. Who is shorter?
6. An alligator is 5.1 m long and a snake is 150 cm. Which one is longer?



Answers

1. $46 - 3 = 43$
Her jeans are now 43 inches long.
2. $3 + 7 = 10$
The total length of 10 meters.
3. $9 + 4 = 13$
Her hair was 13 inches long.
4. $0.8 \text{ m} = 80 \text{ cm}$
 $80 \div 20 = 4$
We need 4 20-cm rulers.
5. $3 \text{ ft. } 3 \text{ in.} = 39 \text{ in.}$
Ken is shorter.
6. $5.1 \text{ m} = 510 \text{ cm}$
The alligator is longer