## Length word problems

Grade 4 Word Problems Worksheet

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. Merilyn 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 20cm 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. $0.8 \mathrm{~m}=80 \mathrm{~cm}$
$80 \div 20=4$
We need $420-\mathrm{cm}$ rulers.
5. $3 \mathrm{ft} 3 \mathrm{in}=39 \mathrm{in}$ Ken is shorter.
6. $5.1 \mathrm{~m}=510 \mathrm{~cm}$

The alligator is longer.

