## Length word problems (feet \& inches)

Grade 4 Word Problems Worksheet

1. Jerome, a giraffe, is 17 ft 9 in tall. He gets his food from a tree nearby which is 19 ft 5 in tall. How much taller than Jerome is the tree?
2. Dennis is 7 ft 8 in tall. The ostrich is 3 ft 7 in taller than Dennis. How tall is the ostrich?
3. A crocodile is 14 ft long and 3 ft wide. After a month, the crocodile grows by 8 ft 10 in . How long is the crocodile after a month?

4. Dave and his 2 brothers went fishing. They noticed that their fishing rods had no lines. Dave found 81 ft of nylon line on the boat, and he divided it into 3 equal lengths. He gave the other lines to his brothers. What is the length of each line?
5. The turtle walked at a speed of 8 feet per hour, while the monkey walked 75 feet per hour, both in a straight line. How long would the turtle walk, in a straight line, in 3 hours?
6. The longest fish Dave caught was 2 ft 7 in long. His brother caught a fish which was 33 inches long. Who caught the longest fish? By how many inches?

## Answers

1. $19 \mathrm{ft} 5 \mathrm{in}-17 \mathrm{ft} 9 \mathrm{in}=1 \mathrm{ft} 8 \mathrm{in}$

The tree is 1 ft 8 in taller than Jerome.
2. $7 \mathrm{ft} 8 \mathrm{in}+3 \mathrm{ft} 7 \mathrm{in}=10 \mathrm{ft} 15 \mathrm{in}=11 \mathrm{ft} 3 \mathrm{in}$ The ostrich is 11 ft 3 in taller.
3. $14 \mathrm{ft}+8 \mathrm{ft} 10 \mathrm{in}=22 \mathrm{ft} 10 \mathrm{in}$

The crocodile is 22 ft 10 in long after a month.
4. $81 \div 3=27$

Each line is 27 ft long.
5. $8 \times 3=24$

The turtle would walk 24 feet in 3 hours.
6. Dave: $2 \mathrm{ft} 7 \mathrm{in}=24 \mathrm{in}+7 \mathrm{in}=31 \mathrm{in}$ His brother: 33 in
$33-31=2$
His brother caught the longest fish by 2 inches.

