

Grade 7 Unit 5

Lesson 11 Anchor Problem 1

Estimation Activity

Estimation 1

How much **mass** does one U.S. quarter have?

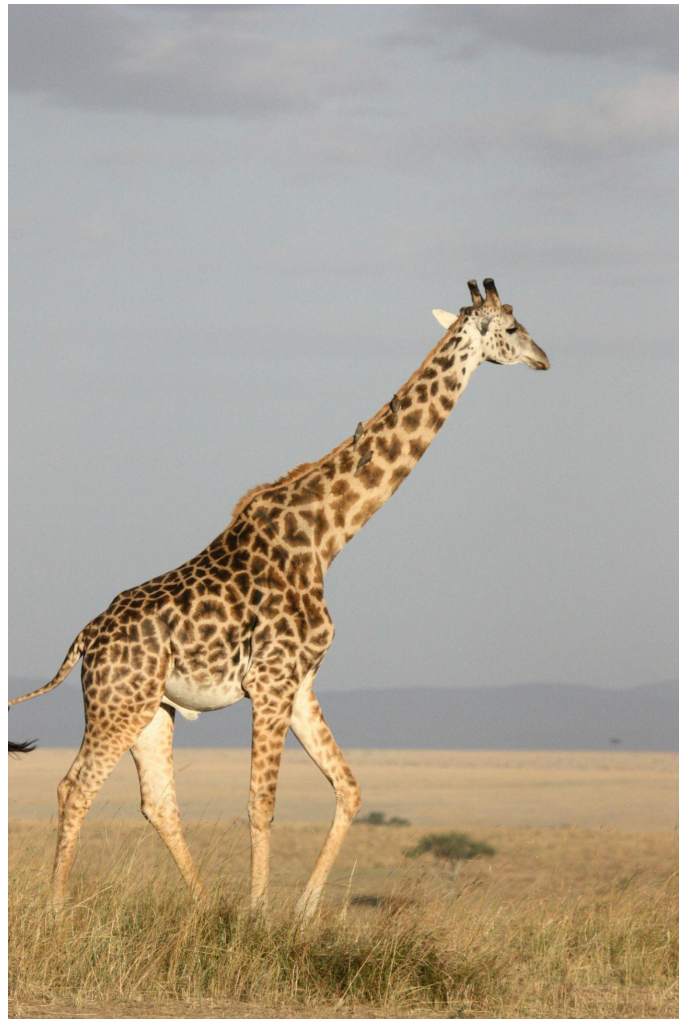
Write your guess in **grams**.



Estimation 2

What is the average **height** of an adult male giraffe, measured from the ground to the top of the head?

Write your guess in **feet**.



Estimation 3

What is the **distance** between soccer goalposts?

Write your guess in **meters**.



Estimation 4

What is the **weight** of a pineapple?

Write your guess in **pounds**.



Estimation 5

What is the straight-line **distance** from Denver, Colorado to Atlanta, Georgia?

Write your guess in **miles**.



Estimation 6

What **volume** of water is used during a 10-minute shower (using an average flow rate for shower heads)?

Write your guess in **gallons**.



Estimation 1 (Answer)

How much **mass** does one U.S. quarter have?

Write your guess in **grams**.

Answer: 5.67 g

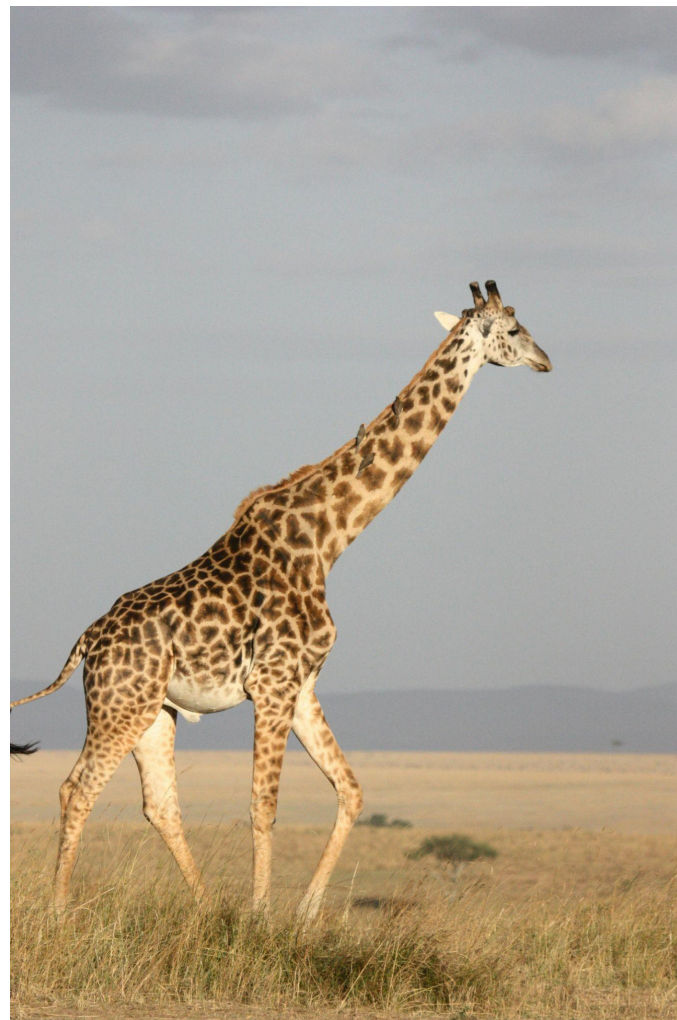


Estimation 2 (Answer)

What is the average **height** of an adult male giraffe, measured from the ground to the top of the head?

Write your guess in **feet**.

Answer: 18 feet



Estimation 3 (Answer)

What is the **distance** between soccer goalposts?

Write your guess in **meters**.

Answer: 7.32 meters



Estimation 4 (Answer)

What is the **weight** of a pineapple?

Write your guess in **pounds**.

Answer: 2.6 pounds

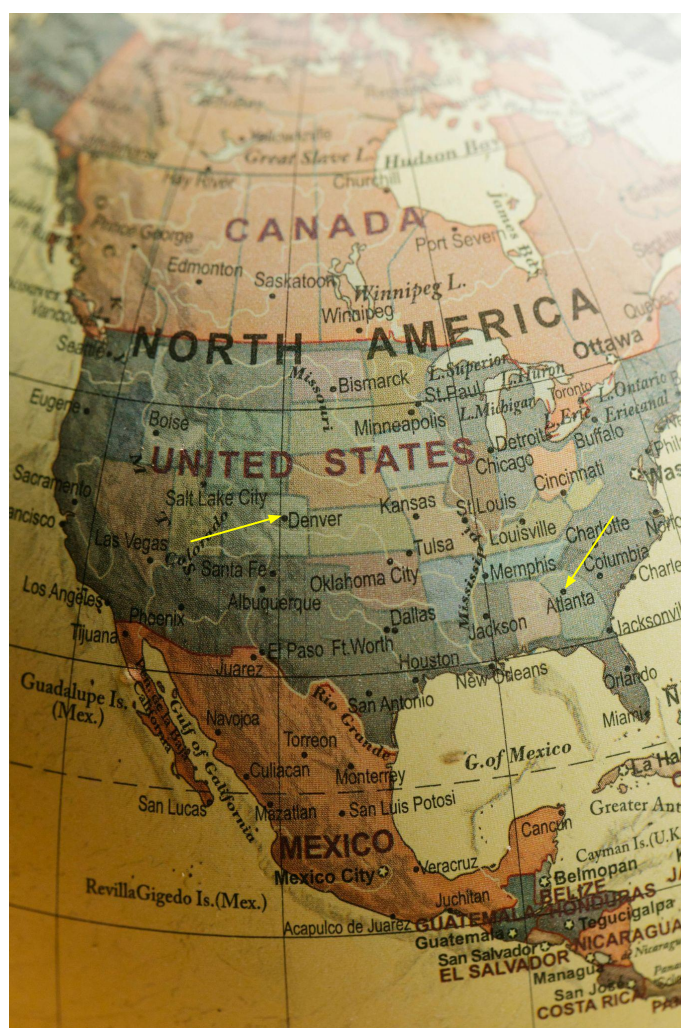


Estimation 5 (Answer)

What is the straight-line **distance** from Denver, Colorado to Atlanta, Georgia?

Write your guess in **miles**.

Answer: 1,194 miles



Estimation 6 (Answer)

What **volume** of water is used during a 10-minute shower (using an average flow rate for shower heads)?

Write your guess in **gallons**.

Answer: 65 gallons

