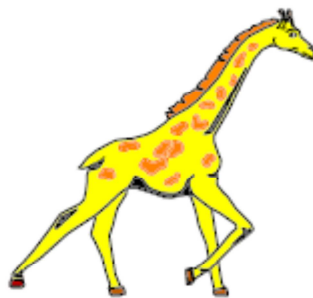


Worksheet C

Did you know?

- The **deepest place** in the ocean is, the Mariana Trench: 35,827 feet.
- The **highest place** on land is Mount Everest: 29,029 feet.
- The **average depth** of the ocean is 12,237 feet.
- The **average height** of dry land is 2,854 feet.
- The **biggest animals**: the 90-foot-long blue whale, the 57-foot-long giant squid, the 19-foot giraffe and the 10.5-foot elephant.
- The tallest plants: the 330 foot giant kelp seaweed and the 360 foot giant Sequoia redwood tree.
- The **tallest building** in the world is the Sears Tower in Chicago: 1,559 feet. The Empire State Building in New York City is 1,473 feet.
- The average human is 5.5 feet.
- The **deepest dive** from the surface by a human without breathing equipment: 417 feet.
- The **deepest dive** from the surface by a marine animal: 7,381 feet (sperm whale).



Using the information from the above **Did You Know?**, can you calculate the following?

1. How many humans would you need to make a chain going from the surface to the average depth of the ocean? How many to make a tower the average height of dry land?
2. How many Empire State Buildings could fit end to end in the Mariana Trench? How many humans could fit into a giant squid?
3. How tall is Mt. Everest in giraffes rather than feet? How tall in blue whales? Could Mt. Everest fit into the Mariana Trench?
4. How many elephants would have to stand on top of each other to reach the height of a giant kelp seaweed?
5. How much farther would the best human diver have to swim to get to the average ocean bottom? How much further would the best-diving sperm whale have to go?