Name: _____ Date: _____ Period: ___

Difference Between Mass and Weight

1. Would it be best to measure the weight of an egg in tons, pounds, or ounces?



2. An adult giraffe can weigh up to 3,000 pounds and an adult elephant weighs about 5 tons. Does an adult giraffe or an adult elephant weight more?



3. Estimate the number of tons in 10,145 pounds.



4. What would be the most appropriate unit to measure the weight of 4 horses?



5. The world's largest lobster weighed 44 pounds 6 ounces. How many ounces did the lobster weigh?



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6. There are currently about 4,000,000 pounds of litter in orbit around Earth. About how many tons of space trash is this?



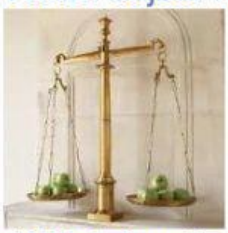
7. Terri is beginning a science experiment in the lab. The instructions call for 227 milligrams of potassium. What is the difference between this amount and 1 gram?



8. One of the world's heaviest hailstones weighed 2.2 pounds. Which is more appropriate to express its mass, 1 kilogram or 1 gram?



9. Which object would most likely have a mass of 2 kilograms?



10. Which has the greater mass: 1 kilogram or 137,000 milligrams?



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