Review:We care about matter

1. Write the three properties of matter.

2. Read and write mass, volume or density.

1. We can measure it with a scale or a balance. _____.
2. The buoyancy of an object depends on this. _____
3. We measure it in litlres or m3. _____
4. A measurement of the amount of mass in a certain volume._____
5. We measure it in grams or kilograms. _____
6. It is the amount of matter in an object. _____
7. it is the amount of space an object occupies. _____
8. The formula to find it out is its mass divided by its volume _____
9. We can measure it with a cylinder. _____
10. If it´s less than 1, it´s low and if it´s more than 1 it´s high. _____

3. Compare the density of these objects. Choose the correct option, complete the sentences and match.





Objects with a _____ density sink.
Objects with a _____ density float.

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Objects with a density $<$ 1 ____ density sink.
Objects with a density $>$ 1 _____ density float.

4. Read the definitions and write the aircraft.

1. It has hot air inside which is less dense than air and makes it rise up. It´s moved by the force of the wind. _____.
2. It´s filled with helium or hydrogen which are less dense than air and make it rise up. It´s moved by the force of an engine. _____
3. It has wings and an engine that makes it move. _____
4. It has blades that rotate and an engine that makes it move. _____

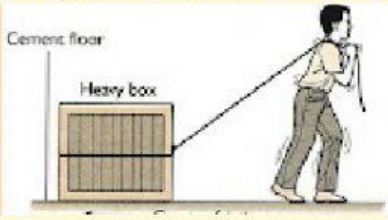
5. Answer: what´s the name of the force that airplanes have and helps them to overcome their weight? _____

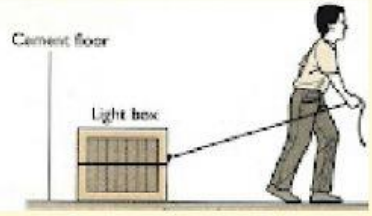
6. Choose true of false. Write the correct word.

1. Moving heavy objects on land can be difficult because of the force of buoyancy. _____
2. Friction is the force between two surfaces that are in contact. _____
3. Friction works in the same direction of the object that we are trying to move. _____
4. Friction slows down the moving object. _____
5. A heavy object creates more friction. It´s easy to move it. _____
6. A smooth surfaces creates less friction. It´s difficult to push an object on a smooth surface. _____
7. First, rollers were used to overcome friction, later the wheel because it reduces friction better. _____

7. Look and choose the correct option.







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