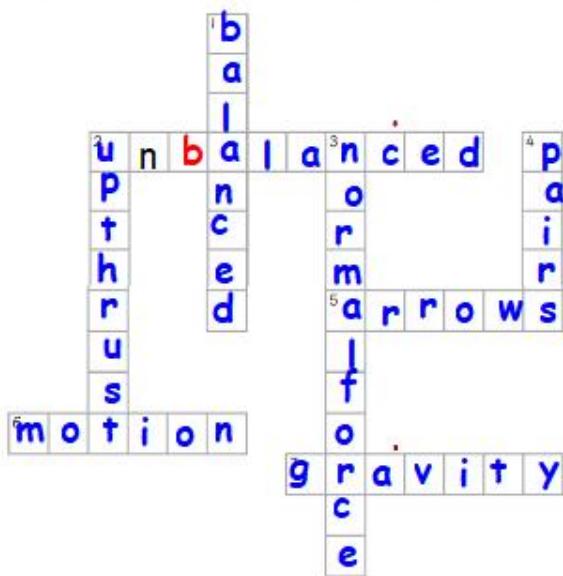


## Word whiz

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Complete the crossword puzzle using the clues.



## Across

2 **unbalanced** forces are two opposing forces with unequal sizes.

5 In a force diagram, arrows represent the forces acting on an object.

6 Unbalanced forces can put an object at rest into motion.

7 gravity is the force that pulls objects towards the centre of the Earth.

Down

I balanced forces are two opposing forces with an equal size.

2 **upthrust** is the force exerted by the water to prevent an object from sinking to the bottom of the sea.

3 normal force supports an object on a surface. (two words)

4 Forces always act in pairs and in opposite directions.