

# TRUE or FALSE

## Mass & Weight

Name	_____
Date	_____
Period	_____

1) **Your mass remains the same, unless you add or subtract matter.**

TRUE

FALSE

If FALSE, then explain

WHY \_\_\_\_\_

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2) **A baby probably has more mass than Mrs. Ruminski.**

TRUE

FALSE

If FALSE, then explain

WHY \_\_\_\_\_

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3) **When you go to the moon, you weigh less because the Earth's gravitational pull is weaker there.**

TRUE

FALSE

If FALSE, then explain

WHY \_\_\_\_\_

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4) **When you teleport to the top of Okemo mountain you weigh slightly less.**

TRUE

FALSE

If FALSE, then explain

WHY \_\_\_\_\_

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5) **Since Earth has less mass than Jupiter, the Earth has a stronger gravitational pull.**

TRUE

FALSE

If FALSE, then explain

WHY \_\_\_\_\_

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6) **Your mass will increase as you swim closer to the Earth's core.**

TRUE

FALSE

If FALSE, then explain

WHY \_\_\_\_\_

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7) **You would weigh less on Pluto than on Earth because Pluto is SMALLER.**

TRUE

FALSE

If FALSE, then explain

WHY \_\_\_\_\_

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