Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Photosynthesis and Cellular Respiration Activity Worksheet**



Initial Mass\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Final Mass \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Initial Mass\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Final Mass \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ATP

Molecules used to power life activities

**Cellular respiration** takes place in

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Photosynthesis** takes place in

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Table 3 Final Atom Count

Table 4 Final Atom Count

Table 2 Initial Atom Count

Table 1 Initial Atom Count

glucose + oxygen

**H2O**

carbon dioxide + water

**O2**

**C6H12O6**

**CO2**

**Photosynthesis and Cellular Respiration Activity Worksheet**



**\_\_H2O**

**\_\_CO2**

Initial Mass\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Final Mass \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Initial Mass\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Final Mass \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ATP

Molecules used to power life activities

**Cellular respiration** takes place in

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Photosynthesis** takes place in

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**\_\_O2**

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