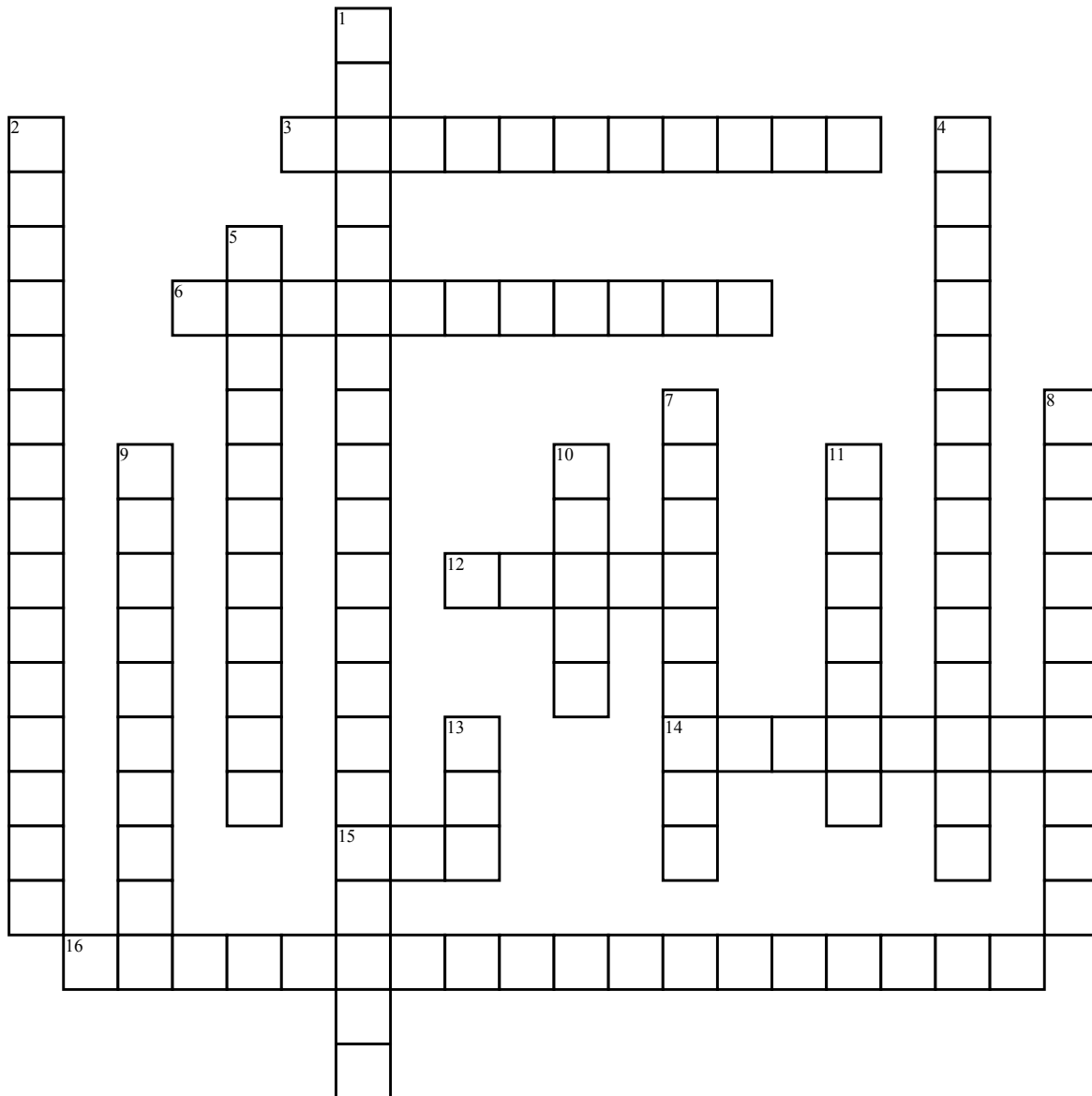


Organisms



Across

3. What occurs in the stroma (the space surrounding the thylakoids) ?
6. What is a green pigment used in photosynthesis?
12. What is the number of similarity or closely related species categorized in?
14. What is the branch of biology dealing with classifying and naming organisms?
15. What is made during cellular respiration?
16. What type of respiration requires oxygen (36 ATP are produced)?

Down

1. What type of respiration does not require energy (only 2 ATP are produced)?
2. Who classified organisms based on similarities and developed the binomial nomenclature naming system?
4. What occurs in the grana (or thylakoid membranes) ?
5. What is the last organelle where photosynthesis occurs?
7. Who first classified organisms into two groups (plants & animals)?

8. What occurs in the cytoplasm where sugar is split into pyruvic acid, 2 ATP are used and 4 ATP are produced for a net gain of 2 ATP?
9. What occurs in the Mitochondria where high energy molecules NADH and FADH₂ are produced, carbon is released and 2 ATP are made?
10. Which organism in the 6 kingdoms is a eukayotes, mostly multicellular, heterotrophs and it's cell walls are made of cellulse?
11. What is the highest category into which organisms are classified?
13. What is left after energy is released by breaking the bond between the last two phosphate?